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LEBANON VALLEY COLLEGE

bulletin

Lebanon Valley College Bulletin. Published four times yearly by Lebanon Valley College, Annville, Pennsylvania 17003

Volume II, Number 4,
Winter, 1968

The provisions of this bulletin are not to be regarded as an irrevocable contract between the student and the College. The College reserves the right to change any provisions or requirements at any time within the student's term of residence.

Entered as second-class matter
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under the Act of August 24, 1912

CALENDAR 1968

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COLLEGE CALENDAR 1968/1969

1968 First Semester

Sept.	5, 6	Thursday, Friday	Faculty Retreat
	7	Saturday	Board of Trustees Retreat
	9-11	Monday through Wednesday	Freshmen Orientation
	10, 11	Tuesday, Wednesday	Registration
	12	Thursday, 8:00 a.m.	Classes begin
	12	Thursday, 11:0 a.m.	Opening Convocation
Oct.	8	Tuesday, 11:00 a.m.	Religion and Life Lecture
	29, 30	Tuesday, Wednesday	Balmer Showers Lecture
Nov.	2	Saturday	Homecoming Day
	6	Wednesday	Mid-semester grades due
	9	Saturday	Board of Trustees meeting
	27	Wednesday, 1:00 p.m.	Thanksgiving vacation begins
Dec.	2	Monday, 8:00 a.m.	Classes resume
	4-11	Wednesday through Wednesday	Pre-registration for 2nd semester
	20	Friday, 5:00 p.m.	Christmas vacation begins

1969

Jan.	6	Monday, 8:00 a.m.	Classes resume
	13-22	Monday through Wednesday	First semester examinations
	22	Wednesday, 5:00 p.m.	First semester ends

Second Semester

Jan.	27	Monday	Registration
	28	Tuesday, 8:00 a.m.	Classes begin
Feb.	25	Tuesday, 11:00 a.m.	Founders' Day
Mar.	10-13	Monday through Thursday	Religious Emphasis Week
	25	Tuesday	Phi Alpha Epsilon Day
	28	Friday, 5:00 p.m.	Easter vacation begins
Apr.	8	Tuesday, 8:00 a.m.	Classes resume
	13	Sunday, 3:00 p.m.	Spring Music Festival, Symphonic Band
	22	Tuesday, 11:00 a.m.	Religion and Life Lecture
	23-30	Wednesday through Wednesday	Pre-registration for 1st semester, 1969-1970, and Summer School, 1969
	27	Sunday, 3:00 p.m.	Spring Music Festival, Chorus and Orchestra
May	3	Saturday	Alumni Day
	13	Tuesday, 11:00 a.m.	Awards and Recognition Day
	17	Saturday	Spring orientation for incoming freshmen
	19-28	Monday through Wednesday	Second semester examinations
	28	Wednesday, 5:00 p.m.	Second semester ends
	31	Saturday	Board of Trustees meeting
June	1	Sunday, 9:00 a.m.	Baccalaureate Service
	1	Sunday, 11:00 a.m.	100th Annual Commencement

1969 Summer School: June 9-August 29

COLLEGE CALENDAR 1969/1970

First Semester

1969	Sept.	4, 5	Thursday, Friday	Faculty Retreat
		6	Saturday	Board of Trustees Retreat
		8-10	Monday through Wednesday	Freshman Orientation
	Oct.	9, 10	Tuesday, Wednesday	Registration
		11	Thursday, 8:00 a.m.	Classes begin
		11	Thursday, 11:00 a.m.	Opening Convocation
	Oct.	7	Tuesday, 11:00 a.m.	Religion and Life Lecture
		25	Saturday	Homecoming Day
Nov.		28, 29	Tuesday, Wednesday	Balmer Showers Lecture
		5	Wednesday	Mid-semester grades due
		8	Saturday	Board of Trustees meeting
Dec.		26	Wednesday, 1:00 p.m.	Thanksgiving vacation begins
		1	Monday, 8:00 a.m.	Classes resume
		3-10	Wednesday through Wednesday	Pre-registration for 2nd semester
		19	Friday, 5:00 p.m.	Christmas vacation begins

1970

Jan.	5	Monday, 8:00 a.m.	Classes resume
	9	Friday, 5:00 p.m.	Classes end
	10-13	Saturday through Tuesday	Reading period
	14-20	Wednesday through Tuesday	First semester examinations
	20	Tuesday, 5:00 p.m.	First semester ends

Second Semester

Jan.	26	Monday	Registration
	27, 28	Tuesday, Wednesday	All-College Symposium
	29	Thursday, 8:00 a.m.	Classes begin
Feb.	24	Tuesday, 11:00 a.m.	Founders' Day
Mar.	9-12	Monday through Thursday	Religious Emphasis Week
	20	Friday, 5:00 p.m.	Easter vacation begins
	31	Tuesday, 8:00 a.m.	Classes resume
Apr.	7	Tuesday	Phi Alpha Epsilon Day
	12	Sunday, 3:00 p.m.	Spring Music Festival, Symphonic Band
	21	Tuesday, 11:00 a.m.	Religion and Life Lecture
	22-29	Wednesday through Wednesday	Pre-registration for 1st semester, 1970-1971, and Summer School, 1970
May	26	Sunday, 3:00 p.m.	Spring Music Festival, Chorus and Orchestra
	2	Saturday	Alumni Day
	9	Saturday	Spring orientation for incoming freshmen
	12	Tuesday, 11:30 a.m.	Awards and Recognition Day
	15	Friday, 5:00 p.m.	Classes end
	16-19	Saturday through Tuesday	Reading period
	20-26	Wednesday through Tuesday	Second semester examinations
	26	Tuesday, 5:00 p.m.	Second semester ends
	29	Friday	Board of Trustees meeting
	31	Sunday, 9:00 a.m.	Baccalaureate Service
	31	Sunday, 11:00 a.m.	101st Annual Commencement

1970 Summer School: June 8-August 28



Contents

College Profile	8
College History	9
Accreditation	11
Principles and Objectives	11
Location and Environment	12
Campus Map	13
Campus, Buildings, and Equipment	14
Support and Control	16
Enrollment Statistics	19
Information For Prospective Students	20
Admission	21
Student Finances	23
Financial Aid	25
Academic Programs and Procedures	26
Requirements For Degrees	27
Special Plans of Study	30
The College Honors Program	47
Auxiliary Schools	48
Junior Year Abroad	49
Academic Procedures	50
Administrative Regulations	52
Student Activities	54
The Religious Life	55
Campus Organizations	56
Cultural Opportunities	57
Faculty-Student Government	58
Athletics and Recreation	59
Courses of Study By Departments	60
Directories	110
Board of Trustees	111
Administrative Staff and Faculty	115
General Alumni Organization	126
Degrees Conferred	129
Student Awards	133
Correspondence Directory	139
Index	140

College Profile



COLLEGE HISTORY

Officials of the East Pennsylvania Conference of the Church of the United Brethren in Christ were acutely embarrassed in the spring of 1866. Five public-spirited citizens of the town of Annville had come to Conference on February 22 and offered as a gift the Annville Academy building on Main Street, which they had bought for \$4,500, providing that the Conference would establish and maintain there forever an institution of learning of high grade. The gift was accepted. The name Lebanon Valley College was chosen. It was decided to lease the property to some one qualified to operate a school. The opening date was set — May 7. Planning then came to a stop, for they could find no one to take the lease.

That was the situation seven weeks before the opening date, according to George Washington Miles Rigor, whose short account is the earliest extant history of Lebanon Valley College. There was no college graduate in the whole Conference, and a poll of Otterbein College graduates failed to turn up a prospect. Rigor, a United Brethren minister who had attended college for only three years, stepped into the breach. He enlisted the cooperation of a neighbor, Thomas R. Vickroy, a Methodist minister and graduate of Dickinson College. They took over the lease as partners for the next five years, Vickroy to run the school and Rigor to act as Agent. The building was readied and Lebanon Valley College opened on May 7, as scheduled, with 49 students enrolled. From its first day it was coeducational.

President Vickroy's term was marked by action. Eleven acres were added to the "lot and a half of ground" conveyed by the original deed. A spacious four-story building was erected. A charter was granted by the Com-

monwealth of Pennsylvania. A faculty was hired. A complete college curriculum was established, based on the classics but including music and art, and two classes were graduated before Vickroy gave up his lease in 1871. The College was not leased again but continued operations through a Board of Trustees.

The five presidents during the next 25 years had great difficulty in keeping the College afloat, due to lack of support ranging from open opposition to disinterested apathy. There was some progress. A library was established in 1874, and a college newspaper appeared in 1888. However, in the fall of 1896, the school was debt-ridden, living from hand to mouth, with an enrollment of only 80.

The administration of President Hervin U. Roop, starting in 1897, marked the first real period of expansion. Under his leadership, five new buildings were erected, including a library donated by Andrew Carnegie, and the Administration Building was re-built after the disastrous fire of Christmas Eve, 1904. By 1905, enrollment had soared to 470, with a faculty of 23.

Loss of public confidence and financial support prompted Roop's resignation in 1905 and the College faced its darkest days. Bankruptcy was averted by the keen business sense and generosity of President Lawrence Keister, who served from 1907 to 1912.

President George D. Gossard finally gave the College stability when he achieved for it accreditation and a million dollar endowment fund, the income from which was to form the financial cushion dreamed of by all the presidents before him. By the end of his 20-year term in 1932, there were 653 students and 32 faculty members. Most important, the Conservatory of Music was accredited by the Commonwealth for its program in Public School

Music, marking the start of an outstanding academic department.

Following Dr. Gossard's death in 1932, Clyde A. Lynch faced a series of external crises which lasted throughout his 18 years as president. The stock market crash shrank the handsome endowment raised by his predecessor. The Depression of the 1930's reduced the enrollment and World War II shrank it still further; the post-war influx of G.I.'s then stretched it to more than capacity. In spite of these trials, Dr. Lynch's administration began buying property adjacent to the campus to allow for future expansion. It also raised over a half million dollars, part of which was to be used for a new physical education building. This building, still unfinished at the time of Lynch's death in 1950, was named in his honor upon completion.

The twelfth president of the College, Frederic K. Miller, served for almost 17 years. During his term, inflation caused mushrooming costs, but the so-called "Tidal Wave of Students" made possible selective admissions. The greatest physical expansion in the history of the College occurred, with seven new buildings erected and several renovated. Two major fund-raising drives were concluded successfully. Enrollment increased by 60%, with a corresponding increase in faculty and administrative staff. The Centennial of the founding of the College was observed by a year-long series of events.

On April 1, 1967, Dr. Miller retired, and Allan W. Mund, President of the Board of Trustees, became Acting President. It was not until February 3, 1968, that Frederick P. Sample was selected by the Board to become thirteenth president of Lebanon Valley College. When Dr. Sample assumed office on September 1, 1968, Lebanon Valley College faced its second century as a fully-accredited, church-related, coeducational college of the liberal arts and sciences, occupying a 35-acre campus of 26 buildings, and supporting an enrollment of 900 and a full-time faculty of 58.

Just as the College has changed through the years, so has the Church of the United Brethren in Christ which gave it birth and offered its support. Organized in 1800 as the

first Christian church indigenous to the United States, the denomination merged with the Evangelical Church to become the Evangelical United Brethren Church in 1946. In April, 1968, this body joined with the Methodist Church to form the United Methodist Church.

In looking to its second century, Lebanon Valley College is very conscious of the dream of its forefathers that it be "an institution of learning of high grade." It aims to be essentially what it is now, a relatively small college of the liberal arts and sciences that takes its historic Christian origin and current relationship seriously.

Presidents of Lebanon Valley College

Rev. Thomas Rees Vickroy, Ph.D.

1866-1871

Lucian H. Hammond, A.M.

1871-1876

Rev. D. D. DeLong, A.M.

1876-1887

Rev. E. S. Lorenz, A.M., B.D.

1887-1889

Rev. Cyrus J. Kephart, A.M.

1889-1890

E. Benjamin Bierman, A.M., Ph.D.

1890-1897

Rev. Hervin U. Roop, A.M., Ph.D., LL.D.

1897-1906

Rev. Abram Paul Funkhouser, B.S.

1906-1907

Rev. Lawrence Keister, S.T.B., D.D.

1907-1912

Rev. George Daniel Gossard, B.D., D.D., LL.D.

1912-1932

Rev. Clyde Alvin Lynch, A.M., B.D., D.D.,
Ph.D., LL.D.

1932-1950

Frederic K. Miller, A.M., Ph.D., Litt.D., L.H.D.
Acting President 1950-1951

President 1951-1967

Allan W. Mund, LL.D.

Acting President 1967-1968

Frederick P. Sample, B.A., M.Ed., D.Ed., Pd.D.
1968-

ACCREDITATION

Lebanon Valley College is accredited by the following bodies:

- Middle States Association of Colleges and Secondary Schools
- Department of Public Instruction of Pennsylvania
- National Association of Schools of Music
- American Chemical Society

Lebanon Valley College is a member of the following bodies:

- American Council on Education
- Association of American Colleges
- College Entrance Examination Board
- College Scholarship Service
- Council of Protestant Colleges and Universities
- Pennsylvania Foundation for Independent Colleges
- American Association of Colleges for Teacher Education

Lebanon Valley College is on the approved list of the Regents of the University of the State of New York and the American Association of University Women.

PRINCIPLES AND OBJECTIVES

Within the framework of commitment to liberal education of the highest quality, Lebanon Valley College strives to achieve the following specific educational objectives:

1. To provide an opportunity for qualified young people to procure a liberal education and to develop their total personalities under Christian influences.
2. To help provide the church with capable and enlightened leaders, both clerical and lay.
3. To foster Christian ideals and to encourage faithfulness to the Church of the student's choice.
4. To help train well-informed, intelligent, and responsible citizens, qualified for leadership in community, state, and nation.

5. To provide pre-professional students with the broad preliminary training recommended by professional schools and professional associations.
6. To provide, in an atmosphere of liberal culture, partial or complete training for certain professions and vocations.
7. To provide opportunity for gifted students to pursue independent study for the purpose of developing their intellectual powers to the maximum.

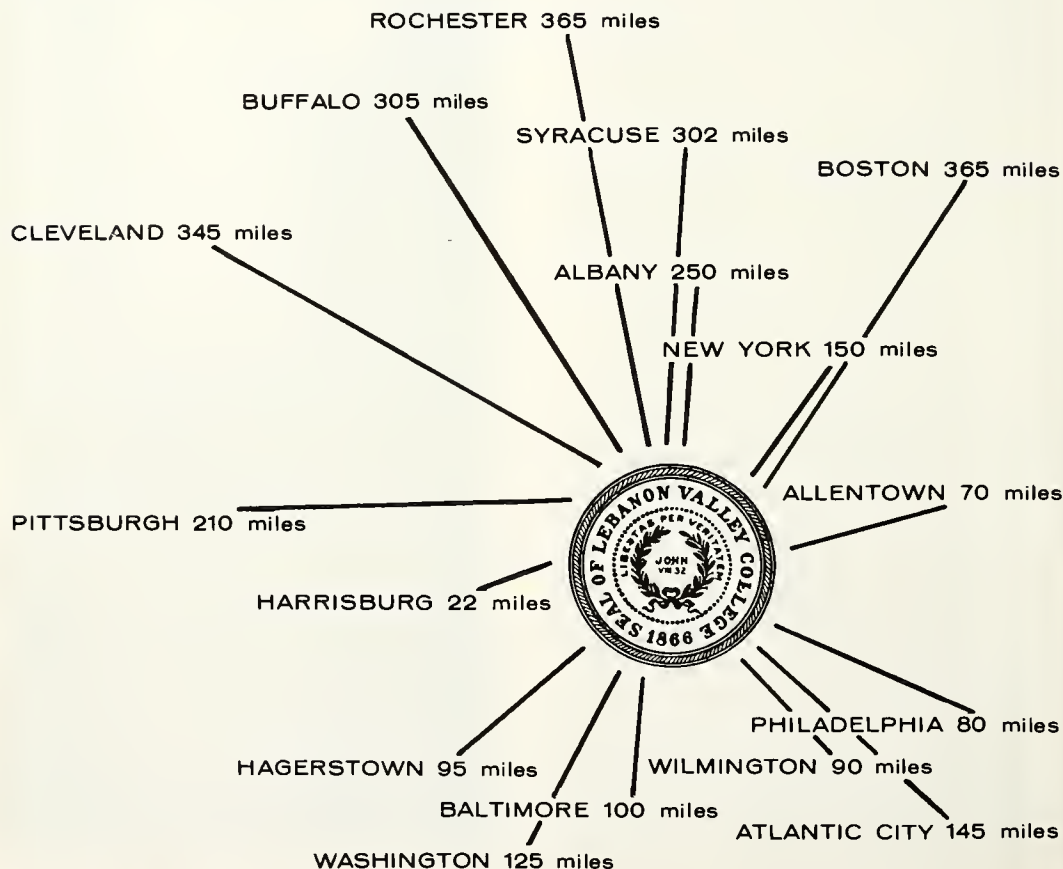


LOCATION AND ENVIRONMENT

Lebanon Valley College is located in Annville, Lebanon County, Pennsylvania, twenty miles east of Harrisburg and five miles west of Lebanon. The campus faces U.S. Highway 422 on the south and Pennsylvania Highway 934 on the west. Lebanon Valley College is accessible from the Pennsylvania Turnpike using the Lebanon-Lancaster Interchange, Pennsylvania Highway 72, and Highway 322.

Bus service between Reading and Harrisburg over Highway 422 provides rail and air connections at Harrisburg for Philadelphia, New York, Baltimore, Washington, Pittsburgh, and other major cities.

Annville is a residential community of about 3,500 people situated in the agricultural country of the Pennsylvania Germans. Of historical significance in nearby areas are the Cornwall Charcoal Furnace, which dates back to 1742 and which supplied cannonballs for Washington's army, and the adjacent Cornwall Ore Mines which are still operated by the Bethlehem Steel Corporation; the Union Canal Tunnel (the oldest existing canal tunnel in the United States) and remnants of the locks used from 1828 to 1885 by the canal which provided access from the Susquehanna River to Philadelphia; and the first Municipal Water Works in America at Schaefferstown.



CAMPUS, BUILDINGS, AND EQUIPMENT

The campus of 35 acres is situated in the center of Annville. The college plant consists of 26 buildings including:

The Administration Building — Administrative Offices (President, Vice President and Dean of the College, Vice President and Assistant to the President, and Vice President and Controller) are located on the main floor. The remainder of the building is devoted to classrooms, laboratories, faculty offices, and administrative services.

Gossard Memorial Library — The Gossard Memorial Library was opened in June, 1957. The more than 88,400 volumes contain an excellent collection of standard reference works. In addition to resources used by the various departments of the College, a diversified collection of periodicals is also available.

The Hiram Herr Shenk Collection (which includes the Heilman Library) and the C. B. Montgomery Memorial Collection contain many valuable works dealing with the history

and customs of the Pennsylvania Germans. These collections are housed in the Historical Collection Room and are open for reference use under staff supervision.

A separate room houses the Archives of the Historical Society of the Eastern Conference of the United Methodist Church. The materials in this collection are available for reference under the supervision of the Conference Historian.

Special equipment of the library includes a music and listening room outfitted with turntables and earphones, typing booths for students, conference rooms, microfilm reader-printers, an electrostatic copier, and carrels for individual study. In addition to the library proper, the building contains an audio-visual room equipped with a loudspeaker system and adaptable to the exhibiting of works of art.

Chapel — This building houses the main sanctuary and meditation chapel, Office of the Chaplain, faculty offices of departments of Religion, Philosophy, and Sociology, classrooms, a fellowship room, and the Student Christian Association room.





Engle Hall — Engle Hall houses the Department of Music and includes an auditorium; classrooms, studios, offices, and private practice rooms.

Science Hall — The first floor of Science Hall contains laboratories, library, class and conference rooms, and offices of the Department of Chemistry. The second and third floors are equipped with similar facilities and a greenhouse for the Department of Biology.

Carnegie Lounge — The former Carnegie Library building has been converted into a modified student services center. The basement contains a snack bar and the first floor is equipped with three attractive lounges for the use of faculty and students. The second floor houses the offices of the Dean of Men, the Dean of Women, the student newspaper (*La Vie Collegienne*), the college yearbook (*The Quittapahilla*), and conference rooms.

Lynch Memorial Physical Education Building — This modern plant is well equipped for physical education, recreation, and campus meetings. It houses the Department of Economics and Business Administration.

Residence Halls — There are seven residence halls for women (Centre, Centre Annex, Green, Laughlin, North, Sheridan, and Vickroy) and six for men (East, Hammond, Keister, Kreider, West, and West Annex).

The College Dining Hall — The College Dining Hall has facilities for serving approximately six hundred.

The College Book Store — All textbooks, school supplies, stationery, as well as souvenirs, are available at the College Book Store.

Saylor Hall — The offices of the College Relations Area (Alumni, Development, and Public Relations) are located in Saylor Hall.

112 College Avenue — This building provides offices for the Department of English and for the Department of Foreign Languages.

South Hall — South Hall houses the Office of the Registrar, the Teacher Placement Bureau, the Office of Admissions, and faculty offices.

Infirmery — Staffed by a Head Nurse and resident nurses, the Infirmery is available to all students. The College Physician is on call at all times. Adjacent to the Infirmery is the Women's Day Student Room.



SUPPORT AND CONTROL

Lebanon Valley College receives support from the Christian Service Fund Budget of the United Methodist Church, individual congregations of the denomination in the Eastern and Susquehanna Conferences, endowments, and the Pennsylvania Foundation for Independent Colleges. Also, since at Lebanon Valley College as at most other institutions of higher learning the tuition and other annual charges paid by the student do not cover the total cost of his education, additional income is derived through the Lebanon Valley College Fund. The Fund is supported by industry, alumni, parents of students, and other friends of the College.

Total assets of Lebanon Valley College exceed \$10,000,000, including endowment funds in excess of \$2,350,000. Aside from general endowment income available for unrestricted purposes, there are a number of special funds designated for specific uses such as professorships, scholarships, and the library.

Control of the College is vested in a Board of Trustees composed of 46 members, 32 of whom represent the Eastern, Susquehanna and Virginia Conferences; 3 of whom represent the alumni of the institution; and 13 of whom are elected at large. Members of the college faculty who are departmental chairmen are *ex-officio* members of the Board of Trustees.

ENDOWMENT FUNDS (June 30, 1968)

UNRESTRICTED

For General Purposes

RESTRICTED

Professorship Funds

Chair of English Bible and Greek Testament
Josephine Bittinger Eberly Professorship of
Latin Language and Literature
John Evans Lehman Chair of Mathematics
The Rev. J. B. Weidler Endowment Fund
The Ford Foundation

Restricted Other

Bishop J. Balmer Showers Lectureship Fund
Karl Milton Carnegie Fund

Special Fund—Faculty Salaries

The Batdorf Fund
E. N. Funkhouser Fund
Mr. and Mrs. C. H. Horn Fund
Mary I. Shumberger Memorial Fund
Woodrow W. Waltermeyer Professorship Fund

Library Funds

Library Fund of Class of 1916
Class of 1956 Library Endowment Fund
Dr. Lewis J. and Leah Miller Leiby Library Fund

Maintenance Funds

Hiram E. Steinmetz Memorial Room Fund

Equipment Funds

Dr. Warren H. Fake and Mabel A. Fake Science
Memorial Fund
Williams Foundation Endowment Fund

Publicity Funds

Harnish-Houser Publicity Fund



Scholarship Funds

Allegheny Conference C.E. Scholarship Fund
 A.F.S. Scholarship Fund
 Alumni Scholarship Fund
 Dorothy Jean Bachman Scholarship Fund
 Lillian Merle Bachman Scholarship Fund
 Baltimore Fifth Church, Otterbein Memorial
 Sunday School Scholarship Fund
 E. M. Baum Scholarship Fund
 Andrew and Ruth Bender Scholarship Fund
 Cloyd and Mary Bender Scholarship Fund
 Biological Scholarship Fund
 Eliza Bittinger Scholarship Fund
 Mary A. Bixler Scholarship Fund
 I. T. Buffington Scholarship Fund
 Alice Evers Burtner Memorial Award Fund
 Mr. and Mrs. D. Clark Carmean Scholarship
 Fund
 Collegiate Scholarship Fund of Evangelical
 United Brethren Church
 Isaiah H. Daugherty and Benjamin P. Raab
 Memorial Scholarship Fund
 Senator James J. Davis Scholarship Fund
 William E. Duff Scholarship Fund
 Derickson Scholarship Fund
 East Pennsylvania Conference C.E. Scholarship
 Fund
 East Pennsylvania Branch W.S.W.S. Scholarship
 Fund
 Samuel F. and Agnes F. Engle Scholarship Fund
 M. C. Favinger and Wife Scholarship Fund
 Fred E. Foos Scholarship Fund
 C. C. Gingrich Scholarship Fund
 G. D. Gossard and Wife Scholarship Fund
 Margaret Verda Graybill Memorial Scholarship
 Fund
 Peter Graybill Scholarship Fund
 Jacob F. Greasley Scholarship Fund
 Harrisburg Otterbein Church of The United
 Brethren In Christ Scholarship Fund
 Harrisburg Otterbein Sunday School
 Scholarship Fund
 Alice M. Heagy Scholarship Fund
 J. M. Heagy and Wife Scholarship Fund
 Bertha Foos Heinz Scholarship Fund
 Harvey E. Herr Memorial Scholarship Fund
 Edwin M. Hershey Scholarship Fund
 Merle M. Hoover Scholarship Fund
 Judge S. C. Huber Scholarship Fund

Cora Appleton Huber Scholarship Fund
 H. S. Immel Scholarship Fund
 Henry G. and Anna S. Kauffman and Family
 Scholarship Fund
 John A. H. Keith Fund
 Barbara June Kettering Scholarship Fund
 Rev. and Mrs. J. E. and Rev. A. H. Kleffman
 Scholarship Fund
 Dorothea Killinger Scholarship Fund
 A. S. Kreider Ministerial Scholarship Fund
 W. E. Kreider Scholarship Fund
 Maud P. Laughlin Scholarship Fund
 Lebanon Steel Foundry Foundation
 Scholarship Fund
 The Lorenz Benevolent Fund
 Mrs. Edwin M. Loux Scholarship Fund
 Lykens Otterbein Church Scholarship Fund
 Mechanicsburg U.B. Sunday School
 Scholarship Fund
 Medical Scholarship Fund
 Elizabeth Meyer Endowment Fund
 Elizabeth May Meyer Musical Scholarship Fund
 Mrs. Elizabeth H. Millard Memorial
 Scholarship Fund
 Harry E. Miller Scholarship Fund
 Bishop J. S. Mills Scholarship Fund
 The Ministerial Student Aid Gift Fund of
 The Evangelical United Brethren Church
 Germaine B. Monteux Memorial Scholarship
 Fund
 Elizabeth A. Mower Beneficiary Fund
 Neidig Memorial Church Ministerial
 Scholarship Fund
 Grace U.B. Church of Penbrook,
 Penna. Scholarship Fund
 Pennsylvania Branch W.S.W.S. Scholarship
 Fund in Memory of Dr. Paul E. V. Shannon
 Pennsylvania Conference C.E. Scholarship
 Fund
 Pennsylvania Conference Youth Fellowship
 Scholarship Fund
 People's National Bank Achievement Award
 in Economics
 Philadelphia Lebanon Valley College Alumni
 Scholarship Fund
 Rev. H. C. Phillips Scholarship Fund
 Sophia Plitt Scholarship Fund
 Quincy Evangelical United Brethren
 Orphanage and Home Scholarship Fund

Ezra G. Ranck and Wife Scholarship Fund
 Levi S. Reist Scholarship Fund
 G. A. Richie Scholarship Fund
 Emmett C. Roop Scholarship Fund
 Reynaldo Rovers Memorial Scholarship Fund
 Harvey L. Seltzer Scholarship Fund
 Rev. and Mrs. Cawley H. Stine Scholarship Fund
 Dr. Alfred D. Strickler and Louise Kreider
 Strickler Pre-Medical Scholarship Fund
 Washington, D. C. Memorial E.U.B. Ministerial
 Scholarship Fund
 Henry L. Wilder Scholarship Fund
 J. C. Winter Scholarship Fund

Student Loan Funds

Mary A. Dodge Loan Fund
 Daniel Eberly Scholarship Fund

Prize Funds

Bradford C. Alban Memorial Award Fund
 The L. G. Bailey Award

Henry H. Baish Memorial Fund
 Andrew Bender Memorial Chemistry Fund
 The Class of 1964 *Quittapahilla* Award Fund
 Governor James H. Duff Award
 The French Club Prize Fund
 Florence Wolf Knauss Memorial Award in
 Music
La Vie Collegienne Award Fund
 Max F. Lehman Fund
 The David E. Long Memorial Fund
 Germaine Benedictus Montoux Music Award
 Pickwell Memorial Music Award
 The Rosenberry Award
 Wallace-Light-Wingate Award
 The Salome Wingate Sanders Award in
 Music Education

Annuity Funds

Rev. A. H. Kleffman and Erma L. Kleffman
 E. Roy Line Annuity
 Ruth Detwiler Rettew Annuity Fund



ENROLLMENT STATISTICS

SUMMARY OF COLLEGE YEAR, 1967-1968 — CUMULATIVE

DAY-TIME	FULL-TIME			PART-TIME			TOTAL		
Degree Students	Men	Women	Total	Men	Women	Total	Men	Women	Total
Seniors	90	76	166	6	8	14	96	84	180
Juniors	125	80	205	2	2	4	127	82	209
Sophomores	111	76	187	4	3	7	115	79	194
Freshmen	167	112	279	0	3	3	167	115	282
Non-degree	0	0	0	12	8	20	12	8	20
Day-time Total	493	344	837	24	24	48	517	368	885
Evening — Campus				40	63	103	40	63	103
Extension									
Harrisburg				328	275	603	328	275	603
Grand Total	493	344	837	392	362	754	885	706	1591
Names Repeated ..				-2	-9	-11	-2	-9	-11
Net Total	493	344	837	390	353	743	883	697	1580
*Music Specials				29	34	63	29	34	63
Summer School, 1968									
College				80	68	148	80	68	148
*Music Specials				16	30	46	16	30	46

* Not included in totals

SUMMARY OF FIRST SEMESTER — 1968-1969

DAY-TIME	FULL-TIME			PART-TIME			TOTAL		
Degree Students	Men	Women	Total	Men	Women	Total	Men	Women	Total
Seniors	130	71	201	7	8	15	136	79	215
Juniors	113	71	184	2	1	3	115	72	187
Sophomores	104	91	195	2	2	4	106	93	199
Freshmen	154	120	274	1	1	2	156	121	277
Non-degree	2	1	3	8	13	21	10	14	24
Day-time Total	503	354	857	20	25	45	523	379	902
Evening — Campus				24	36	60	24	36	60
Extension									
Harrisburg				207	185	392	207	185	392
Grand Total	503	354	857	251	246	497	754	600	1354
Names Repeated ..	-2	-0	-2	-1	-2	-3	-3	-2	-5
Net Total	501	354	855	250	244	494	751	598	1349
*Music Specials				24	40	64	24	40	64

* Not included in totals

Information For Prospective Students



ADMISSION

Students are admitted to Lebanon Valley College on the basis of scholarly achievement, intellectual capacity, character, personality, and ability to profit by college experience.

GENERAL INFORMATION

1. All communications concerning admission should be addressed to the Director of Admissions, Lebanon Valley College, Annville, Pennsylvania 17003.
2. Applications should be submitted as early as possible in the latter part of the junior or the beginning of the senior year of high school or preparatory school.
3. Applications must be filed on forms provided by the Office of Admissions.
4. Each application must be accompanied by an application fee of \$10.00. This fee is not refundable.
5. A transcript of the secondary school record, on a form provided by the College for that purpose, must be sent by the principal to the Director of Admissions. May 1 is the deadline for receiving applications.
6. A student transferring from another collegiate institution must present an official transcript of his scholastic record and evidence of honorable dismissal.
7. All new students are required to present on or before August 20 the official Health Record showing a physician's report of medical examination; certification of vaccination within a period of five years and immunization against flu, polio, and tetanus given just prior to the student's entrance to college.

Admission is based on *total* information submitted by the applicant or in his behalf.

Final decision, therefore, cannot be reached until all information has been supplied by the applicant.

FACTORS DETERMINING ADMISSION

Each candidate for admission will be considered individually and the decision of the Admissions Committee with respect to admission will be based on the following factors:

1. The transcript of the applicant's secondary school record.
2. Recommendation by the principal, teachers, and other responsible persons as to the applicant's special abilities, integrity, sense of responsibility, seriousness of purpose, initiative, self-reliance, and concern for others.
3. A personal interview, whenever possible, with the Director of Admissions or his designate.
4. College Entrance Examination Board test results: (a) Scholastic Aptitude Test, (b) three achievement tests — English composition and two optional tests. All candidates for admission are required to take the Scholastic Aptitude Test and three achievement tests — English composition and any other two. Those seeking entrance in September are advised to take these tests no later than in the preceding December and/or January. Full information concerning dates and locations of these test administrations may be obtained by writing to: College Entrance Examination Board, P.O. Box 592, Princeton, N. J. 08540.
5. Additional test results which may be required in special cases by the Committee on Admissions.

ADMISSION TO THE DEPARTMENT OF MUSIC

An applicant to the music or music education curriculums is expected to satisfy the general requirements for admission. In addition, the candidate must appear for an audition before members of the music faculty and show evidence of:

1. An acceptable singing voice and a fairly quick sense of tone and rhythm;
2. Ability to sing at sight hymn and folk tunes with a fair degree of accuracy and facility;
3. Ability to sing or to play the piano, organ, or some orchestral instrument at a level representing three years of study.

RECOMMENDED UNITS FOR ADMISSION

It is recommended that all candidates offer 16 units of entrance credit and graduation from an accredited secondary school or submit an equivalency certificate acquired through examination.

Ten of the 16 units offered for admission must be from the following subjects: English, foreign language, mathematics, science, and social studies.

An applicant for admission whose preparatory courses do not coincide with the distribution of subject units (see below) may be considered by the Committee on Admissions if his academic record is of high quality and if, in the opinion of the Committee, he appears to be qualified to do college work satisfactorily. All entrance deficiencies must be removed before sophomore academic status will be granted.

DISTRIBUTION OF SUBJECT UNITS

English	4	units
Foreign Language (in one language)*	2	"
Mathematics	2	"
Science (laboratory)	1	"
Social Studies	1	"
Electives	6	"
Total required	16	"

TRANSFER CREDIT

A student applying for advanced standing at Lebanon Valley College after having at-

tended another accredited institution of higher education shall submit an official transcript of his record and evidence of good standing to the Director of Admissions. He must also submit College Board Aptitude and Achievement Test scores.

Credits are accepted for transfer provided that the grades received are C (2.0) or better and the work is equivalent or similar to work offered at Lebanon Valley College. Grades thus transferred count for hours only, not for quality points.

Students transferring from two-year institutions are required to earn at least 60 hours of credit from a four-year institution for graduation. A minimum of 30 hours of this must be taken at Lebanon Valley College to meet the residence requirement.

Transfer students may be required to take placement examinations to demonstrate adequate preparation for advanced courses at Lebanon Valley College.

Subject to the conditions listed in the second paragraph, Lebanon Valley College will recognize for transfer credit a maximum of 15 hours of USAFI course work provided such credit is recommended by the American Council on Education publication, *A Guide to the Evaluation of Educational Experiences in the Armed Services*.

Credit will not be granted for correspondence courses.

ADVANCED PLACEMENT

Advanced placement and/or credit may be granted to entering students who make scores of 3, 4, or 5 on the College Board Advanced Placement examination.

Advanced placement without credit may be granted on the basis of the Achievement Tests of the College Board Examinations or such other proficiency tests as may be determined by the Assistant Dean of the College and by the chairman of the department in which advanced placement is sought.

* If an applicant cannot present the two units of foreign language, he will be required to take a minimum of two years of one language in college. His credits for this work will be counted toward graduation requirements.



STUDENT FINANCES

Lebanon Valley College is a private non-profit institution. It derives its financial support from endowment and gifts from the United Methodist Church, alumni, industry, friends and from the tuition, fees, and other charges paid by the students. The cost to the student is maintained at a level consistent with adequate facilities and high quality instruction.

FEES AND DEPOSITS

An application fee of \$10.00 which is not refundable is charged each applicant to apply against the cost of processing his application for admission. An admission deposit of \$100.00, payable within ten days of notification of acceptance, is required of all new (including transfer) students. Until this deposit is paid the student is not guaranteed a place in the entering class. The admission deposit is not refundable; it will be applied to the student's account upon registration.

1969-1970 FEE STRUCTURE FOR FULL-TIME DEGREE CANDIDATES

	Resident Each Semester	Non- Resident Each Semester
Standard Charges		
Tuition and Fees	\$ 900	\$900
Room and Board	450	...
	<u>\$1,350</u>	<u>\$900</u>

Students may be subject to the following additional fees and charges, depending upon their program:

Laboratories, in excess of one per semester:

Science, Languages . . . \$15.00 per semester

All other laboratories . . 10.00 per semester

Student Teaching:

Elementary 90.00 per semester

Secondary 45.00 per semester

Music 30.00 per semester

Music Fees:

Private music instruction

(1/2 hour per week,

15 weeks) 60.00 per semester

Class music instruction (1 hour per week) ..	40.00 per semester
Organ, practice rental (per hour per week).	8.00 per semester
Band and orchestral instrument rental ...	15.00 per semester
Transcript, in excess of one	1.00 per semester

The insurance fee in the amount of \$15.00 is collected in the first semester of the student's enrollment and a pro-rata charge applies to the student who first enrolls in the second semester.

The contingency deposit in the amount of \$25.00 must be made before registration and is required of all full-time students and will be refunded upon graduation or withdrawal from college provided no damage has been caused by the student. All student breakage that occurs in college-operated facilities will be charged against this deposit and the amount must be repaid to the College within 30 days of notice to the student.

A fee of \$10.00 is charged each student who does not register for classes during any prescribed registration period. A fee of \$2.00 is charged for every change of course made at the student's request after registration day.

The fee for part-time students (less than 12 credit hours per semester) is \$60.00 per semester credit hour plus a \$2.00 registration fee; the fee for credit hours in excess of 16 credit hours per semester is \$40.00; fractional hours of credit are charged proportionately.

AUXILIARY SCHOOL FEE STRUCTURE (EVENING AND SUMMER)

Tuition, \$40.00 per semester credit hour
Registration Fee, \$2.00

PAYMENT OF FEES AND DEPOSITS

Semester charges are due and payable in full on September 1 (first semester) and January 1 (second semester) as a condition for registration. Those preferring to pay semester charges in monthly installments are invited to consult with the Office of the Controller regarding deferred payment plans offered by

various financial institutions. Arrangements for deferred payment plans shall be completed prior to the above dates and as a condition for registration.

A satisfactory settlement of all college accounts is required before grades are released, transcripts are sent, honorable dismissal granted, or degree conferred.

REFUND POLICY

Refunds, as indicated below, are allowed only to students who officially withdraw from the College by completing the clearance procedure:

Period of student attendance in college from date classes begin	% of tuition refunded
Less than two weeks	75%
Between two and three weeks	50%
Over three weeks	0%

A refund on board charge is allowed for the period beginning after honorable official withdrawal.

No refund is allowed on student charges when a student retains his class standing during his absence from college because of illness or for any other reason.

No refund is allowed on room charges. No refund is allowed on room deposit except when withdrawal results from suspension or dismissal by College action or when withdrawal results from entrance into active military service.

RESIDENCE HALLS

Residence hall rooms are reserved only for those returning students who make an advance room reservation deposit of \$50.00. (Receipt must be presented at the time of room sign-up which occurs immediately after the Easter Vacation.)

Occupants are held responsible for all breakage and loss of furniture, or any damage for which they are responsible.

Each room in the men's residence halls is furnished with chests of drawers, book case, beds, mattresses, chairs, and study tables. Drapes are provided in Keister and Hammond Halls. Students must provide bedding, rugs, lamps, and all other furnishings.



Each room in the women's residence halls is furnished with beds, mattresses, chairs, dressers, book case, and study tables. Drapes are provided in Mary Green Hall and Vickroy Hall. Other desired furnishings must be supplied by the student.

Students rooming in residence halls may not sublet their rooms to commuting students or to others.

Since Lebanon Valley College is primarily a boarding institution, all students are required to live in college-owned or controlled residence halls. Exceptions to the above are: married students, students living with immediate relatives, or those living in their own homes who commute daily to the campus.

Should vacancies occur in any of the residence halls, the College reserves the right to require students rooming in the community to move into a residence hall.

The College reserves the right to close all residence halls during vacations and between semesters.

The College reserves the right to inspect any student's room at any time. Periodic inspection of residence halls will be made by members of the administration.

The College is not responsible for loss of personal possessions by the students.

Lounges are provided by the College for resident and commuting students.

MEALS

All resident students are required to take their meals in the College Dining Hall. Commuting students may arrange for meals Monday through Friday, if space is available.

FINANCIAL AID

Lebanon Valley College offers financial assistance to deserving students who have been accepted for admission and who apply for such aid insofar as its aid funds permit. Financial aid is offered on the basis of academic attainment, promise or special talent, and financial need in the form of scholarships, grants, loans, and employment or a combination thereof.

Students applying for financial aid must submit the Parents' Confidential Statement through the College Scholarship Service, Box 176, Princeton, New Jersey, 08540. High School seniors may obtain these forms in high school guidance offices or through college financial aid offices.

Financial aid can be offered by the College only after a Parents' Confidential Statement is on file, and application should be made as early as possible and no later than April 1.

Applicants for financial aid and students receiving financial aid are obligated to report the excess above \$100 of all aid from non-college controlled sources (prizes, awards, grants, scholarships, and loans). The College reserves the right to review and revise the recipient's financial aid package in view of any outside aid that he receives.

EMPLOYMENT

Financial assistance is available in the form of waiterships, janitorships, laboratory aides, clerical aides, library aides and other forms of work assignments. Employment is granted to deserving students on the basis of the requirements of the College.

LOANS

The National Defense Education Loan Program is available to students at Lebanon Valley College. Application must be made no later than April 1.

The Lebanon Valley College Loan Fund also is available to students on a short term basis. Loans are interest-free while the student is in college. A nominal rate of interest is charged following graduation or withdrawal from college.

Academic Programs & Procedures



REQUIREMENTS FOR DEGREES

Lebanon Valley College confers five bachelor degrees. They are: Bachelor of Arts, Bachelor of Science, Bachelor of Science in Chemistry, Bachelor of Science in Nursing, and Bachelor of Science in Medical Technology.

The degree of Bachelor of Arts is conferred upon students who complete the requirements for graduation in the following areas, and who are recommended by the faculty and approved by the Board of Trustees: Biology, English, French, German, Greek, History, Latin, Mathematics, Music, Philosophy, Physics, Political Science, Psychology, Religion, Sociology and Spanish.

The degree of Bachelor of Science is conferred upon students who complete the requirements in the following areas, and who are recommended by the faculty and approved by the Board of Trustees: Biology, Chemistry, Mathematics, Physics, Actuarial Science, Economics and Business Administration, Elementary Education, Music Education, Arts-Engineering, and Arts-Forestry.

The professional degrees of Bachelor of Science in Chemistry, Bachelor of Science in Nursing, and Bachelor of Science in Medical Technology are conferred upon students who complete the requirements in the respective professional areas and who are recommended by the faculty and approved by the Board of Trustees.

SEMESTER HOURS

The requirements for degrees are stated in "semester hours of credit" which are based upon the satisfactory completion of courses of instruction. Generally, one semester hour credit is given for each class hour a week throughout the semester. In courses requiring laboratory work, not less than two hours of laboratory work a week throughout a semester

are required for a semester hour of credit. A semester is a term of approximately 17 weeks.

Candidates for degrees must obtain a minimum of 120 semester hours credit in academic work in addition to the required courses in Freshman and Sophomore Physical Education. However, a student who has a physical disability may be excused (on recommendation from the College Physician) from the requirement in physical education.

MAJOR

As a part of the total requirement of 120 hours every candidate for a degree must present at least 24 semester hours of course work in one department (this is his major). The initial selection of a major may be indicated or recorded any time before the end of the student's sophomore year. Such a choice of department or curriculum in which to pursue work of special concentration must be made by the time of registration for the junior year. A student accepted as a major has the right to remain in that department as long as he is in college.

EXAMINATIONS

Candidates for degrees are required to take end of course examinations and the Graduate Record Examination in the major field.

GRADUATE RECORD EXAMINATION

Candidates for degrees must take the Advanced test of the Graduate Record Examination in their major field. This examination is prepared and scored by the Educational Testing Service. The tests cover the entire field of concentration. The results are made available to the student and become a part of his permanent record.

RESIDENCE REQUIREMENT

Degrees will be conferred only upon those candidates earning in residence a minimum of 30 semester hours out of the last 36 taken

before the date of the conferring of the degree, or before the transfer to a cooperating program. Residence credit is given for course work completed in regular day classes, and in evening and summer school courses taken on campus.

GRADE POINT AVERAGE

Candidates for degrees must also obtain a cumulative grade point average of 1.75, computed in accordance with the grading system indicated below.

In addition, candidates must earn a grade point average of 2.0 in the major field of study.

Only grades received in courses taken on campus or in courses staffed by Lebanon Valley College at the University Center at Harrisburg are used to determine grade point averages.

SYSTEM OF GRADING AND QUALITY POINTS

The work of a student in each subject is graded A, B, C, D, or F, with the plus and minus available to faculty members who wish to use them. These grades have the following meanings:

A—distinguished performance

B—superior work

C—general satisfactory achievement

D—course requirements and standards satisfied at a minimum level

F—course requirements and standards not satisfied at a minimum level

When a grade of F has been received, the student may not proceed with any part of the course dependent upon the part in which the grade of F has been received. If a student fails in a subject twice, he may not register for a third time.

In addition to the above grades the symbols "I," "W," "WP," and "WF" are used on grade reports and in college records. "I" indicates that the work is incomplete (that the student has postponed with the consent of the instructor, certain required work), but otherwise satisfactory. This work must be completed

within the semester following, or the "I" will be converted to an F.

W indicates withdrawal from a course any time within the first six weeks of classes of a semester without prejudice to the student's standing. In case of withdrawal from a course after six weeks the symbol WP will be entered if the student's work is satisfactory, and WF if his work is unsatisfactory. The grade WP will be considered as without prejudice to the student's standing, but the grade WF will be counted as an F. If a student withdraws from a course after twelve weeks, without a reason satisfactory to the Registrar, a grade of WF will be recorded.

For courses in which no academic credit is involved, student work is evaluated as either S (Satisfactory) or U (Unsatisfactory).

For each semester hour credit in a course in which a student is graded A, he receives 4 quality points; A—, 3.7; B+, 3.3; B, 3; B—, 2.7; etc. F carries no credit and no quality points.

PASS-FAIL GRADING

After a student has gained sophomore standing, he may elect to take up to two courses per semester and one course per summer session on a P/F basis, but only six of these courses can be counted toward graduation requirements.

Any courses not being counted toward the fulfillment of the general requirements or the specified major requirements may be optional on a pass/fail basis. Any pre-requisite course taken on a P/F basis and successfully completed will satisfy the pre-requisite.

Any course taken on a P/F basis will be graded P/H (pass with distinction), P (pass), or F (fail). P/H is defined as B+ and up, P is defined as D— through B; and F is below D—.

Any course completed on a P/F basis shall be counted toward graduation requirements but only an F grade shall be included in computing the grade point average. All passing grades shall be treated on the record as we presently treat transfer credit.

The student will indicate at the time of pre-registration or registration the courses that he has elected to take on a P/F basis. He may

change his option for P/F grading to the regular grading basis or from regular grading to P/F grading within two weeks after the beginning of the semester.

Instructors will not be informed of the grading option selected by the student. Instructors will submit an A through F grade for each student and it will fall upon the Registrar to convert the grade to P/H, P or F for students selecting this grading system.

TRANSFER STUDENTS

Students transferring from two-year institutions are required to have 60 hours of work at a four-year institution for graduation. A minimum of 30 hours of this must be taken at Lebanon Valley College to meet the residence requirement. (See pages 27-28.)

Students transferring from other institutions must secure a grade point average of 1.75 or better in work taken at Lebanon Valley College.

ATTENDANCE AT BACCALAUREATE AND COMMENCEMENT PROGRAMS

All seniors are required to attend the Baccalaureate and Commencement programs at which their degrees are to be conferred.

Degrees will be conferred *in absentia* only for the most compelling reasons and only upon a written request approved by the Assistant Dean of the College. Such requests must be submitted at least two weeks prior to the date of Commencement.

Faculty approval is required for the conferring of the degree and the issuance of the diploma in any case of wilful failure to comply with these regulations.

GENERAL AND DISTRIBUTION REQUIREMENTS

I. GENERAL REQUIREMENTS:

	Semester Hours
English Composition*	6
Foreign Language (Intermediate level)*	6
Mathematics (First year level)*	3
Religion 12 and 13	6
Physical Education (two years)	0

II. DISTRIBUTION REQUIREMENTS:

<i>Humanities:</i> Three one-semester courses (not more than two from one field) to be chosen from among Art or Music treated as one field; literature as offered by the Departments of English and Foreign Languages; Philosophy; Religion	9
<i>Social Sciences:</i> Three one-semester courses (not more than two from one field) to be chosen from among Economics, History, Political Science, Sociology	9
<i>Natural Sciences:</i> Three one-semester courses (not more than two from one field) to be chosen from Biology, Chemistry, Physics, Psychology	9-12
	48-51

Distribution requirements shall be met from among the following courses:

Humanities: Art 12, 21; English 20, 21, 24, 26, 37; Foreign Literature courses above 10 level; Music 19; Philosophy 10, 30; Religion 22, 42.

Social Sciences: Economics 20; History 13, 14, 17, 23; Pol. Sci. 10, 30, 33; Sociology 20, 21, 33.

Natural Sciences: Biology 14, 18; Chemistry 13; Physics 10, 17; Psychology 20, 25, 44.

Notes:

1. No course in the major field shall be used to meet general or distribution requirements.
2. No course taken as a general requirement may count toward a major.
3. No credit is given for an elementary language course if two or more years of the same language have been taken in secondary school or if credit for an elementary language course has been given on transfer from another institution. Credit is given for any other elementary language course.

* Requirement can be met by proficiency examinations selected by the chairman of the department involved in consultation with the Dean of the College, or through the Advanced Placement Programs.

SPECIAL PLANS OF STUDY

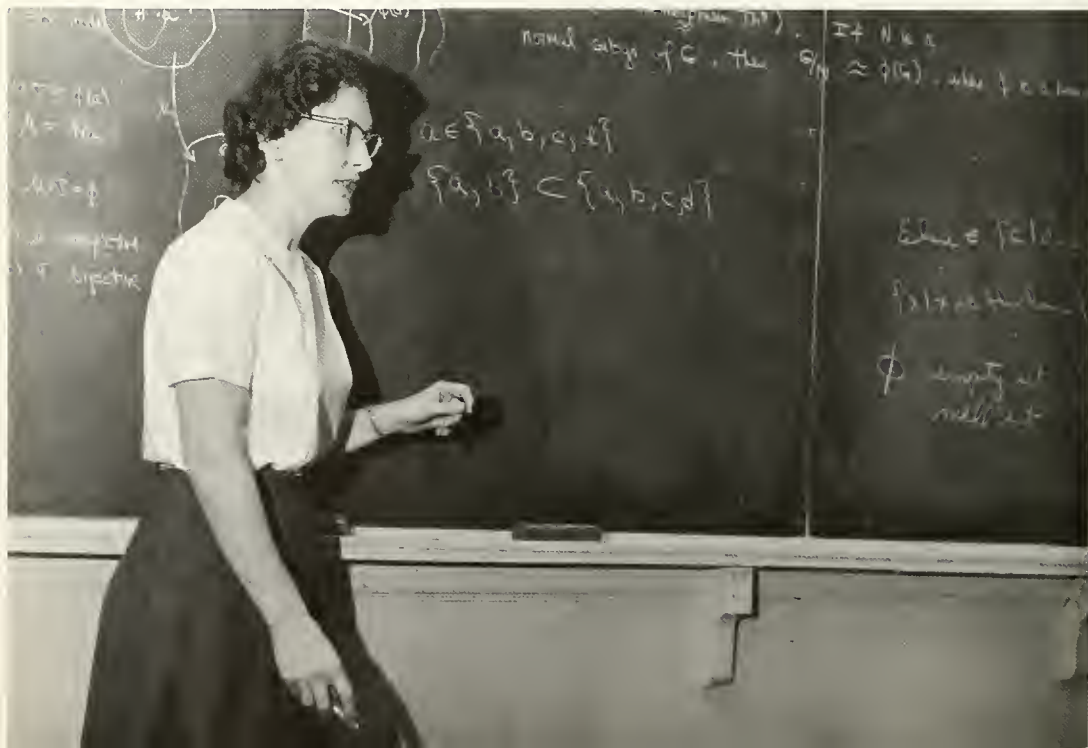
ACTUARIAL SCIENCE

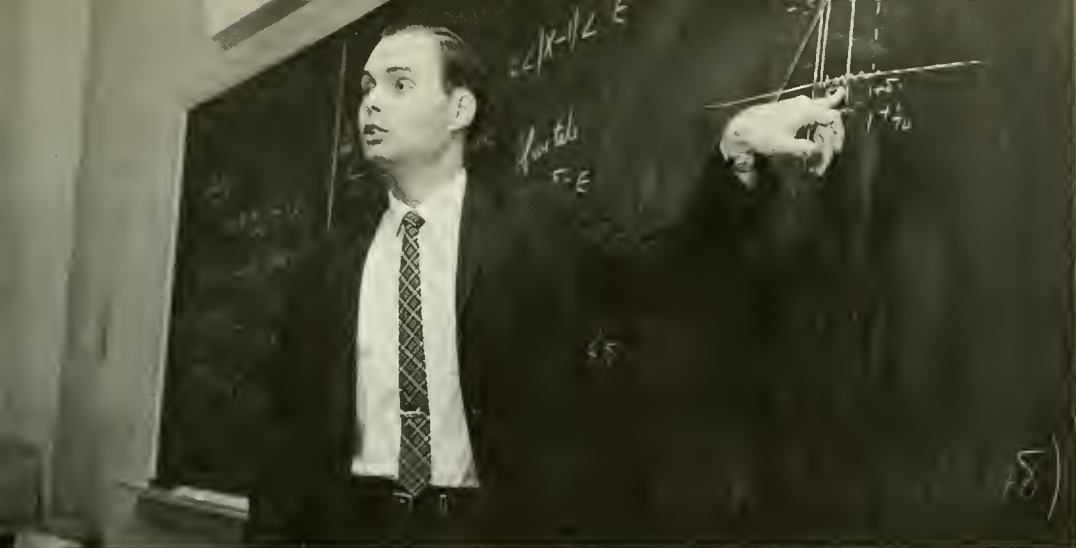
Adviser: Dr. Bissinger

Consultant: Actuaries Club of Philadelphia

Consultant: Actuaries Club of Philadelphia

Course Number	Course Title	Hours 1st Sem.	Credit 2nd Sem.
FIRST YEAR			
Mathematics11....	Elementary Analysis I & II	3	3
English 10a—10b....	English Composition	3	3
Foreign Language10....	Intermediate French or German	3	3
Mathematics12....	Elementary Statistics	—	3
Music19....	History and Appreciation of Music or In- or Art12	3	—
Physics17....	Principles of Physics I	4	4
Physical Education10....	Health, Hygiene and Phys. Ed.	0	0
		16	16
SECOND YEAR			
Mathematics21....	Intermediate Analysis I & II	3	3
Mathematics37....	Mathematical Statistics	3	3
English20....	Comparative Literature	3	3
Economics20....	Principles of Economics	3	3
Economics23....	Principles of Accounting	4	4
Physical Education20....	Physical Education	0	0
		16	16





THIRD YEAR

Elective	To be selected	3	3
Mathematics	25....Development of the Real Number System .	3	—
Mathematics	40.1....Mathematics Seminar—Finite Differences and Compound Interest	1	1
History	23....Political & Social Hist. of U. S. & Pa.	—	3
Psychology	20....General Psychology	—	3
Sociology	20....Introductory Sociology	3	—
Religion	12....Introduction to Biblical Thought	3	—
Religion	13....Introduction to the Christian Faith	—	3
Economics	32....Business Law	3	3
		<hr/>	<hr/>
		16	16

FOURTH YEAR

Mathematics	41....Probability	3	—
Mathematics	40.1....Mathematics Seminar—Life Contingencies .	1	1
Economics	36....Money and Banking	—	3
Economics	44....Corporation Finance	3	—
Economics	45....Investments	—	3
Philosophy	10....Introduction to Philosophy	3	—
Electives	To be selected	6	9
		<hr/>	<hr/>
		16	16

Part 1 of the Examination of the Society of Actuaries may be taken in May of the freshman year or November or May of the sophomore year. Part 2 of the Examination may be taken in May of the sophomore year with the summer to be spent in the home office of one of the life insurance companies. Part 3 of the Examination may be taken in May of the junior year and should be taken by May of the senior year.

The College is a testing center for the Society of Actuaries and the major can take each of the examinations on campus.

Upon the satisfactory completion of the above curriculum and tests, the degree of Bachelor of Science with a Major in Actuarial Science is granted.

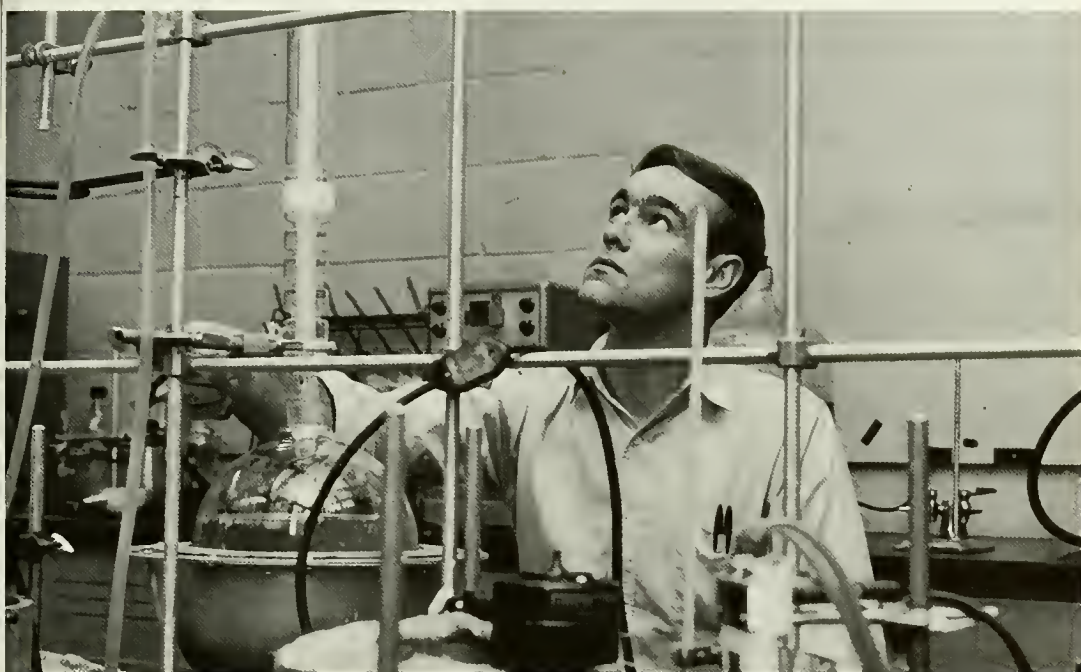
CHEMISTRY

Adviser: Dr. Neidig

Students entering with advanced placement in chemistry are asked to consult the adviser.

Course Number	Course Title	Hours 1st Sem.	Credit 2nd Sem.
FIRST YEAR			
Chemistry13	Principles of Chemistry	4	4
English10a–10b	English Composition	3	3
German11	Scientific German	3	3
Mathematics11	Elementary Analysis I & II	3	3
Physical Education10	Health, Hygiene and Phys. Ed.	0	0
Religion12	Introduction to Biblical Thought	3	—
Religion13	Introduction to the Christian Faith	—	3
		16	16
SECOND YEAR			
Chemistry25	Reaction Kinetics and Chemical Equilibria	4	—
Chemistry24	Chemistry of the Covalent Bond	—	4
Distribution Requirements	The Social Sciences	3	3
Mathematics21	Intermediate Analysis I & II	3	3
Physical Education20	Physical Education	0	0
Physics17	Principles of Physics I	4	4
		14	14





THIRD YEAR

Chemistry	36	Physical Chemistry	3	3
Chemistry	37	Organic Chemistry	5	—
Chemistry	38	Instrumental Analysis	—	3
Distribution Requirements		The Humanities	3	3
Physics	27	Principles of Physics II	4	4
Chemistry	39	Laboratory Investigations I	1	1
Chemistry	30.1	Laboratory Investigations II	—	2
			<hr/>	<hr/>
			16	16

FOURTH YEAR

Chemistry	41	Advanced Organic	—	3
Chemistry	44	Special Problems	2	2
Chemistry	45	Advanced Analytical	3	—
Chemistry	47	Advanced Inorganic	3	3
Distribution Requirements		The Social Sciences	3	—
Distribution Requirements		The Humanities	—	3
Distribution Requirements		The Sciences	3	—
Electives			—	3
			<hr/>	<hr/>
			14	14

Curriculum leading to the degree of Bachelor of Science in Chemistry
(American Chemical Society certified degree)

DEPARTMENT OF ECONOMICS AND BUSINESS ADMINISTRATION

Adviser: Dr. Tom

Suggested program for majors in Economics and Business Administration.

Course Number	Course Title	Hours 1st Sem.	Credit 2nd Sem.
FIRST YEAR			
Economics20....	Principles of Economics	3	3
Economics23....	Principles of Accounting	4	—
English10a—10b....	English Composition	3	3
Foreign Language10....	Intermediate French, German, Greek, Latin, Russian, or Spanish	3	3
Mathematics 1 or 11	Introductory Analysis or Elementary Analysis I	3	—
Distribution Requirements	Humanities, or Natural Sciences, or Social Sciences	—	6-7
Physical Education10....	Health, Hygiene, and Phys. Ed.	0	0
		16	15-16
SECOND YEAR			
Economics40.2....	Microeconomic Analysis	3	—
Economics36....	Money and Banking	—	3
Economics	Electives*	3	3
Distribution Requirements	Humanities, or Natural Sciences, or Social Sciences	6-7	6-7
Religion12....	Intro. to Biblical Thought	3	—
Religion13....	Intro. to the Christian Faith	—	3
Physical Education20....	Physical Education	0	0
		15-16	15-16





THIRD YEAR

Economics	48	Labor Economics	3	—
Economics	35	Marketing	—	3
Economics		Electives*	3	3
Distribution Requirements		Humanities, or Natural Sciences, or Social Sciences	6-7	6-7
Electives			3	3
			15-16	15-16

FOURTH YEAR

Economics	40.3	Seminar and Special Problems	—	3
Economics		Electives*	6-9	6-9
Electives			6-9	6-9
			15	15

* Students concentrating in areas designated should schedule courses as indicated:

Economics:

- Econ. 37—Public Finance
- Econ. 38—International Economics
- Econ. 40.1—History of Economic Thought
- Econ. 40.4—Macroeconomic Analysis

Business Administration:

- Econ. 32—Business Law
- Econ. 44—Corporation Finance
- Econ. 45—Investments and Statement Analysis
- Econ. 49—Industrial Management and Personnel Administration

Accounting:

- Econ. 30—Intermediate Accounting
- Econ. 31—Advanced Accounting
- Econ. 42—Income Tax Accounting
- Econ. 43—Cost Accounting
- Econ. 45—Investments and Statement Analysis
- Econ. 40.5—Auditing

For students who are interested in receiving the Automatic Teaching Certification in Comprehensive Social Studies with a major in Economics, the following courses are required:

- Econ. 20—Principles of Economics
- Econ. 23—Principles of Accounting
- Econ. 35—Marketing
- Econ. 36—Money and Banking
- Econ. 40.2—Microeconomic Analysis
- Econ. 40.3—Seminar and Special Problems
- Econ. 48—Labor Economics
- Econ. 32—Business Law, or Econ. 37—Public Finance, or Econ. 40.1—History of Economic Thought

ELEMENTARY EDUCATION

Advisers: Dr. Ebersole, Mrs. Herr

Suggested program for majors in Elementary Education.

Course Number	Course Title	Hours 1st Sem.	Credit 2nd Sem.
FIRST YEAR			
Education20....	Social Foundations of Education	3	—
English10a—10b....	English Composition	3	3
Foreign Language10....	Intermediate French, German, Russian, or Spanish	3	3
Distribution Requirements	Biology, Chemistry, or Physics	3-4	3-4
Physical Education10....	Health, Hygiene and Phys. Ed.	0	0
Psychology20....	General Psychology	—	3
Religion12....	Intro. to Biblical Thought	3	—
Religion13....	Intro. to the Christian Faith	—	3
		15-16	15-16
SECOND YEAR			
Geography10a—10b....	World Geography	3	3
Distribution Requirements	Humanities	3	3
Psychology23....	Educational Psychology	3	—
History23....	Pol. and Social History of U.S. and Pennsylvania	3	—
Elementary Education22....	Music in the Elementary School	—	3
Elementary Education25....	Mathematics for Elem. Grades	—	3
Elementary Education37....	Children's Literature	—	3
Physical Education20....	Physical Education	0	0
Elective		3	0
		15	15





THIRD YEAR

Elementary Education	34	Teaching of Reading	3	—
Elementary Education	23	Physical Sciences in the Elementary School	—	3
Elementary Education	36	Communications and Group Processes in the Elem. School	3	3
Distribution Requirements		Social Sciences	3	3
Psychology	21	Psychology of Childhood	3	—
Mathematics	10	Basic Concepts	3	—
Elective			—	3
Elementary Education	43	Health and Safety Education	—	3
			15	15

FOURTH YEAR

Elementary Education	40	Student Teaching	12	—
Elementary Education	32	Art in the Elementary School	3	—
Elementary Education	44	Senior Seminar	—	3
Distribution Requirements		Humanities	—	3
Electives or area of concentration			—	9
			15	15

COOPERATIVE ENGINEERING PROGRAM

Adviser: Dr. Bissinger

Lebanon Valley College offers a cooperative program in Engineering whereby a student may achieve a liberal arts degree from Lebanon Valley College and also an engineering degree from the University of Pennsylvania or any other institution with which cooperative arrangements are in effect.

A student electing to pursue this curriculum spends the first three years in residence at Lebanon Valley College. At the end of these three years he may, if recommended, go to the University of Pennsylvania or another co-operating institution for two additional years of work in engineering. Upon the successful completion of the five years of study, the student will receive two degrees: the Bachelor of Science degree from Lebanon Valley College and a Bachelor of Science degree in one of the fields of engineering from the University of Pennsylvania or other cooperating institution.

The adviser should be consulted concerning the various curriculums.



COOPERATIVE FORESTRY PROGRAM

Adviser: Mr. Bollinger

Lebanon Valley College offers a program in forestry in cooperation with the School of Forestry of Duke University. Upon successful completion of a five-year coordinated course of study, a student will have earned the Bachelor of Science degree from Lebanon Valley College and the professional degree of Master of Forestry from the Duke School of Forestry.

A student electing to pursue this curriculum spends the first three years in residence at Lebanon Valley College. Here he obtains a sound education in the humanities and other liberal arts in addition to the sciences basic to forestry. The student devotes the last two years of his program to the professional forestry curriculum of his choice at the Duke School of Forestry.

The adviser should be consulted concerning the curriculum.

MEDICAL TECHNOLOGY CURRICULUM

Adviser: Dr. Hess

Each applicant for admission to this program should secure approval by the School for Medical Technologists for the status of pre-registered students, to be admitted on the successful completion of the academic part of the curriculum at the College. The School for Medical Technologists shall be the final judge of a student's qualifications to pursue its curriculum.

The first three years will be spent at Lebanon Valley College in pursuit of a program of study which includes all the general requirements for graduation and certain courses especially suitable as preparation for the study of medical technology. The adviser should be consulted concerning the curriculum.

Following the completion of this curriculum the student will spend 12 months at the Harrisburg Hospital School for Medical Technologists or another approved school, in the pursuit of its regular curriculum as prescribed by The American Society of Clinical Pathologists. On the successful completion of both phases of the curriculum the student will be awarded the degree of Bachelor of Science in Medical Technology by Lebanon Valley College.

PRE-MEDICAL, PRE-DENTAL, AND PRE-VETERINARY CURRICULA

Adviser: Dr. Hess

Students contemplating admission to Medical, Dental, or Veterinary Colleges should pursue a science program with a major in either biology or chemistry. They should register their professional intentions with the adviser of these programs by the end of their freshman or sophomore years. At that time their work will be reviewed and provision made to meet the special requirements of the colleges of their choice.

All students planning to enter the medical profession should confer with the pre-medical adviser as to the dates for medical aptitude tests and other special requirements.

The adviser should be consulted concerning the curriculum.

NURSING

Adviser: Mr. Bollinger

The five-year Nursing Plan offers to young women intending to enter the field of nursing an opportunity to obtain a liberal arts education in connection with their nurses' training.

Lebanon Valley College has an affiliation with a number of hospital schools of nursing for a five-year curriculum in nursing, the first two years of which are spent at Lebanon Valley College.

The next three years are spent at the School of Nursing in pursuit of the regular curriculum. At the end of these five years the student who has successfully completed both phases of the curriculum will be awarded the degree of Bachelor of Science in Nursing by Lebanon Valley College and the diploma in nursing by the School of Nursing.

The adviser should be consulted concerning the curriculum.



MUSIC

Adviser: Mr. Fairlamb

Course Number	Course Title	Hours 1st Sem.	Credit 2nd Sem.
FIRST YEAR			
English10a—10b	English Composition	3	3
Foreign Language10	French, German, Spanish, and Russian	3	3
Distribution Requirements	Sciences	3	3
Physical Education10	Health, Hygiene & Phys. Ed.	0	0
Music10, 11	Sight Singing I & II	1	1
Music12, 13	Ear Training I & II	1	1
Music14, 15	Harmony I & II	2	2
Music	Applied Music*	2	2
		15	15
SECOND YEAR			
Distribution Requirements	The Social Sciences	3	3
Mathematics10	Basic Concepts of Mathematics	—	3
Physical Education20	Physical Education	0	0
Religion12	Introduction to Biblical Thought	3	—
Religion13	Introduction to the Christian Faith	—	3
Music20	Sight Singing III	1	—
Music22	Ear Training III	1	—
Music24	Harmony III	2	—
Music40.1	Counterpoint	—	2
Music	Applied Music*	2	2
Electives		3	2
		15	15





THIRD YEAR

Distribution Requirements	The Social Sciences	3	—
Distribution Requirements	Humanities	3	3
Music	29... Harmony IV	2	—
Music	30a—30b... History of Music	3	3
Music	31, 36... Form and Analysis I & II	2	2
Music	39... Keyboard Harmony	—	2
Music	Applied Music*	2	2
Electives		—	3
		15	15

FOURTH YEAR

Distribution Requirements	Sciences	3	—
Distribution Requirements	Humanities	—	3
Music	41... Music Literature Seminar	3	—
Music	35... Conducting I	—	2
Music	Applied Music*	2	2
Electives		7	8
		15	15

* Study of voice, organ, piano, band and orchestral instruments.

MUSIC EDUCATION

Adviser: Mr. Smith

Course Number	Course Title	Hours 1st Sem.	Credit 2nd Sem.
FIRST YEAR			
English 10a-10b	English Composition	3	3
Foreign Language 10	French, German, Spanish, and Russian	3	3
Biology 14	Introduction to Biology	3	3
Physical Education 10	Health, Hygiene and Phys. Ed.	0	0
Music 10, 11	Sight Singing I & II	1	1
Music 12, 13	Ear Training I & II	1	1
Music 14, 15	Harmony I & II	2	2
Music	Applied Music*	3	3
		16	16

SECOND YEAR

Distribution Requirements	Social Sciences	3	3
Education 20	Social Foundations of Education	—	3
Physical Education 20	Physical Education	0	0
Psychology 20	General Psychology	3	—
Religion 12	Intro. to Biblical Thought	3	—
Religion 13	Intro. to the Christian Faith	—	3
Music 20	Sight Singing III	1	—
Music 21	Orchestration and Scoring for the Band	—	2
Music 22	Ear Training III	1	—
Music Ed. 23	Methods: Vocal; Grades K-3	—	2
Music 24	Harmony III	2	—
Music	Applied Music*	3	3
		16	16





THIRD YEAR

English	20.....	Comparative Literature	3	3
Music	30a—30b.....	History of Music	3	3
Music	31.....	Form and Analysis I	2	—
Music	32.....	Music Literature	2	—
Music Ed.	33A.....	Methods: Vocal; Grades 4-6	2	—
Music Ed.	33B.....	Methods: Instrumental; Grades 4-6	1	—
Music Ed.	34A.....	Methods: Vocal; Jr.-Sr. High	—	2
Music Ed.	34B.....	Methods: Instrumental; Jr.-Sr. High	—	1
Music	35.....	Conducting I	—	2
Music	39.....	Keyboard Harmony	—	2
Music		Applied Music*	3	3
			16	16

FOURTH YEAR

Distribution Requirements		Social Sciences	—	3
Psychology	23.....	Educational Psychology	3	—
Art	12.....	Introduction to Art	3	—
Music	45.....	Conducting II	2	—
Music Ed.	40a—40b.....	Student Teaching	4	4
Music Ed.	43.....	Seminar in Advanced Instrumental Problems	—	2
Electives			—	3
Music		Applied Music*	2	2
			14	14

* Study of voice, organ, piano, band and orchestral instruments.

TEACHING

Advisers: Dr. Ebersole, Mrs. Herr

The requirements listed below are applicable to students certified to teach in the Commonwealth of Pennsylvania.

BASIC REGULATIONS—PENNSYLVANIA STATE PROVISIONAL COLLEGE CERTIFICATES

A. General Education

Certificates are based on the completion of a minimum of sixty (60) semester hours of acceptable courses in general education with not less than twelve (12) semester hours in the humanities and not less than six (6) semester hours in each of the following areas: the social sciences and natural sciences.

These requirements apply to both elementary and secondary fields.

B. Professional Education in Secondary Education

Certificates are based on the completion of a minimum of eighteen (18) semester hours of professional education distributed in the following areas: social foundations of education, educational psychology and human growth and development, materials and methods of instruction and curriculum, and not less than six (6) of the eighteen (18) semester hours in actual practicum and student teaching experience under approved supervision and appropriate seminars including necessary observation, participation and conferences on teaching problems. The areas of methods and materials of instruction and curriculum, and student teaching shall relate to the subject matter specialization field or fields.

C. Elementary Education—Subject Matter Requirements

The provisional college certificate may be issued to those who have been granted a bac-





laureate degree upon the completion of thirty-six (36) semester hours in the elementary field distributed as follows:

1. Eighteen (18) semester hours of basic professional education (same as B above).
2. A course in the teaching of reading.
3. The remainder of the thirty-six (36) semester hours selected from a minimum of four of the following areas: mathematics, arts and crafts, music, physical education, language arts, sciences, social studies, geography, mental hygiene, or a course dealing with exceptional children.
4. The prospective elementary education teacher is required to have an academic major or an area of concentration of at least 18 to 24 semester hours.

The area of concentration may be defined as follows:

- a. Study in a single subject such as history; study in a broad field such as sociology, psychology, and anthropology elected from social science; study in an inter-disciplinary

field such as courses elected from the humanities, social science, or the natural sciences.

- b. In lieu of the academic major an area of interest of 18 to 24 semester hours may be offered, contingent upon approval of the program by the Department of Public Instruction.

D. Secondary Education—Subject Matter Requirements

1. An applicant may have a "single subject" written on a certificate upon the completion of at least twenty-four (24) semester hours of approved college studies in the specialized subject field, unless otherwise specified in the certification requirements.
2. Comprehensive and general certification:
 - a. Comprehensive English — 36 semester hours.
 - b. Physics and Mathematics — 36 semester hours, with a minimum of 12 semester hours in each field.

- c. Comprehensive Social Studies with a major in Economics, History, Political Science, or Sociology — 36 semester hours.
- d. History and Government — 24 semester hours.

E. Secondary Student Teaching Program

A student concentrating in a major area of interest may, upon the direction of his adviser and approval of the Dean of the College, enroll in one of four student teaching programs.

1. Semester of Professional Training

A student desiring to receive, upon graduation, Pennsylvania state provisional college teacher certification devotes the first semester of the senior year to professional preparation. The fifteen weeks are organized as follows:

Six Weeks: Ed. 20. Social Foundations of Education.

3:7¹/₂:0. See page 72 for course description.

This course is also offered outside the semester of professional training (terminates January, 1970).

Six Weeks: Psych. 23. Educational Psychology (effective September, 1970).

3:7¹/₂:0. See page 104 for course description.

This course is also offered outside the semester of professional training.

Six Weeks: Ed. 49. Practicum and Methods.

3:7¹/₂:0. See page 74 for course description.

Some time is devoted to the presentation of data on Basic Reading instruction to fulfill certification requirements for the Commonwealth of Pennsylvania.

Nine Weeks: Ed. 40. Student Teaching.

Nine semester hours credit. (First semester)

The student enters on a full-time student teaching experience for nine consecutive weeks. He is under the direction of a trained teacher in an accredited public high school and is counseled and directed by the college supervisor of secondary education. The student teacher also is observed by his major adviser.

Prerequisites for Student Teaching: A student must have met the following requirements to be accepted for the professional semester in his senior year:

- a. Maintained satisfactory academic standing.
- b. Completed the basic courses Education 20, Psychology 23, and Education 49.
- c. Secured written approval of his major adviser and the director of student teaching.

Major Requirements and Teacher Certification: All academic major requirements for the liberal arts degree and for Pennsylvania state certification must be met either prior to the professional semester, during the semester following the professional semester, or in a prescribed summer school program approved by the major adviser.

2. Post-Graduate Student Teaching

The post-graduate student teaching program is under the direction of Lebanon Valley College or, by arrangement, may be pursued with any other accredited institution which has provision for supervising student teaching in the public schools.

Because of the necessity of meeting Pennsylvania state certification requirements of proper supervision, only a limited number of students are accepted in the in-service student teaching program. Likewise, assignments are made only to those schools within the range of the institution responsible for supervising the enrollee.

3. Graduate Internship

A student may enroll in one of many graduate internship programs after graduation from college. For further information contact the chairman of the Department of Education.

4. Summer School Student Teaching Following Graduation

A senior may, upon counsel of his adviser, enroll for a summer student teaching program after graduating from the College.

A student may teach in the Derry Township School System in Hershey or an acceptable summer student teaching program elsewhere.



THE COLLEGE HONORS PROGRAM

The college honors program exists for the following purposes: to provide an opportunity for intellectually able students to develop their abilities to the fullest extent, to recognize and encourage superior academic achievement, and to stimulate all members of the College family to greater interest and activity in the intellectual concerns of college life.

These objectives are pursued by means of a double-phased program consisting of (1) Honors Sections in a number of courses in-

cluded in the general and distribution requirements taken for the most part during the student's freshman and sophomore years, and (2) an Independent Study plan by which a student during his junior and senior years may do individual work within the department of his major concentration. An Honors student may participate in either of these phases of the program without participating in the other. An over-all grade point average of 3.00 is a requirement for the maintenance of Honors status.

Appropriate recognition is given students who successfully complete either phase or both phases of the College Honors Program.

HONORS SECTION

Honors sections are offered in the following courses: English 10a–10b, English Composition; Religion 12, Introduction to Biblical Thought; Religion 13, Introduction to the Christian Faith; English 20a–20b, Comparative Literature; History 23, Political and Social History of the United States and Pennsylvania; and Psychology 20, General Psychology. The satisfactory completion of eighteen hours of Honors work is required for official recognition of participation in this phase of the College Honors Program.

Freshmen are admitted to Honors sections on the basis of their academic standing in secondary school, performance in the College Entrance Examination Board tests, the recommendation of teachers and counselors, and personal interviews with members of the Honors Council. Students not accepted initially can be admitted to the program at the beginning of subsequent semesters as they demonstrate ability to do superior work.

The seminar and tutorial methods are used to the greatest possible extent, and sections are kept small in size.

INDEPENDENT STUDY

Independent Study is offered for credit in the student's major field in the junior and senior years. Independent Study consists of a reading and/or research program producing a thesis or an essay. The latter is done on a problem or subject of the student's own choosing under the direct supervision of a faculty adviser. Opportunity is afforded to do creative work. A maximum of nine hours credit can be earned in Independent Study.

Independent Study is offered in the following departments: Chemistry, Economics and Business Administration, Elementary Education, English, Foreign Languages, History and Political Science, Mathematics, Music, Philosophy, Physics, Psychology, Religion, and Sociology. For further details regarding requirements and procedures in Independent Study, see the appropriate paragraph under each department in the catalog section "Courses of Study."



AUXILIARY SCHOOLS

SUMMER, EVENING, EXTENSION

Summer sessions, evening classes on campus, and extension classes in the University Center at Harrisburg have enabled teachers, state employees, and others in active employment to attend college courses and secure academic degrees. By a careful selection of courses, made in consultation with the appropriate adviser, students can meet many of the requirements for a baccalaureate degree. Some courses may be taken for permanent teaching

certification; others may be taken with the aim of transferring credit to another institution. Many courses lead to professional advancement or are of direct benefit to persons in business or industry, while others assist in broadening the student's vocational, social, and cultural background.

SUMMER SCHOOL

Regularly enrolled students may, by taking summer school courses, meet the requirements for the bachelor's degree in three years. A course in Student Teaching (Education 40) is offered in the summer session at Hershey, Pennsylvania. It is designed to meet the minimum student teaching requirements in the secondary field toward teacher certification in the Commonwealth of Pennsylvania.

CAMPUS EVENING CLASSES

Evening classes are offered on the campus, Monday through Thursday, and carry residence credit.

Separate brochures are published for the Summer School and the Evening Classes. For copies or for other information pertaining to Summer School or Evening Classes write to the Director of Auxiliary Schools, Lebanon Valley College, Annville, Pennsylvania.

UNIVERSITY CENTER AT HARRISBURG

Extension classes are offered in the William Penn High School, Third and Division Streets and at the Center's Campus, 2991 North Front Street, Harrisburg, 17110, on Monday through Thursday evenings and on Saturday mornings. Lebanon Valley College's extension program in Harrisburg is carried on in conjunction with Elizabethtown College, Temple University, The Pennsylvania State University, and the University of Pennsylvania.

All students admitted and enrolled for a degree at the College are required to secure the permission of the Assistant Dean of the College prior to enrolling for any courses at the University Center at Harrisburg.

For details pertaining to the University Center at Harrisburg write or call the director at 2991 North Front Street, Harrisburg, Pennsylvania 17110, at 238-9694 or 238-9695.



JUNIOR YEAR ABROAD

A Lebanon Valley student may spend his junior year abroad in study under a program administered by an accredited American college or university, or in a program approved by Lebanon Valley College. Such a student must have maintained a B average at Lebanon Valley College, must be proficient in the language spoken in the country in which he will study, and must be a person who in the judgment of the Assistant Dean of the College and the faculty will be a worthy representative of his own country. His proposed course of study must be approved by the chairman of his department and the Assistant Dean of the College.

ACADEMIC PROCEDURES

REGISTRATION

Students are required to register for classes on official registration days of each semester and on designated pre-registration days. Information concerning the dates for official registration is listed in the College Calendar, pages 3 and 5.

LATE REGISTRATION

Students registering later than the days and hours specified will be charged a late registration fee of ten dollars. Students desiring to register later than one week after the opening of the semester will be admitted only by special permission of the Assistant Dean of the College. Students who do not pre-register during the designated time will be charged a late pre-registration fee of ten dollars.

CHANGE OF REGISTRATION

Change of registration, when necessary, must be made over the signature of the adviser. Registration for a course will not be permitted after the course has been in session for one full week. A student may withdraw from a course at any time within the first six weeks of classes in a semester without prejudice. A fee of \$2.00 is charged for every change of course made at the student's request after registration day.

ORIENTATION FOR NEW STUDENTS

A spring orientation day is held annually for incoming freshmen. At this time the activities include a general orientation to the College, diagnostic testing, counseling with academic advisers and registration for courses. Special sessions for parents are a vital part of the program.

An orientation day for transfer students is held in early summer. At that time, academic counseling and registration for courses are held.

An orientation period of several days, Freshman Week, at the beginning of the college year is provided to help new students, both freshmen and transfers, to become familiar with their academic surroundings. This time is

devoted to discussion of summer reading books, lectures, social activities, and informal meetings with members of the faculty.

During the first semester all freshmen and transfer students are required to participate in an orientation course which includes a series of lectures and discussions on campus activities and methods of study.

DISCONTINUANCE OF COURSE

The College reserves the right to withdraw or discontinue any course for which an insufficient number of students have registered.

REPETITION OF COURSES

No student shall be permitted to repeat, either for credit or for quality points, a course for which he has already received a passing grade.

CONCURRENT COURSES

A student enrolled for a degree at Lebanon Valley College may not carry courses concurrently at any other institution without the consent of his adviser and the Assistant Dean of the College. Neither may a regular student carry work concurrently in evening or extension courses without the permission of his adviser and the Assistant Dean of the College.

A student registered at Lebanon Valley College may not obtain credit for courses taken in other colleges, including the University Center at Harrisburg, during the summer unless such courses have prior approval of his adviser and the Assistant Dean of the College.

AUDITING COURSES

Full-time students are permitted to register to audit courses with the consent of the instructor and the academic adviser. The regular tuition fee is charged. Neither grade nor credit is given either at the time the course is audited or thereafter.

FACULTY ADVISERS

Each student is assigned a faculty adviser who serves in the capacity of friendly counselor.

The initial selection of a major may be indicated or recorded any time before the end of the student's sophomore year. Such a

choice of department or curriculum in which to pursue work of special concentration must be made by the time of registration for the junior year. This department or curriculum shall be known as his major. The chairman or another member of the department or the adviser of the curriculum in which the student has elected to major becomes the adviser for that student. The adviser's approval is necessary before a student may register for or withdraw from any course.

ARRANGEMENT OF SCHEDULES

Each student arranges his course of study and his class schedule in consultation with, and approval of, his faculty adviser. Students already in attendance do this during pre-registration periods. Information concerning faculty advisers is given to new students at the Spring Orientation Day.

LIMIT OF HOURS

To be classified as full-time, a student must take at least twelve semester hours of work. Sixteen semester hours of work is the maximum permitted without special permission of the Assistant Dean of the College; Physical Education carries no credit.

The privilege of carrying extra hours will be granted only for compelling reasons and only when a satisfactory grade level has been maintained for the previous semester. An additional charge will be made for all hours above sixteen.

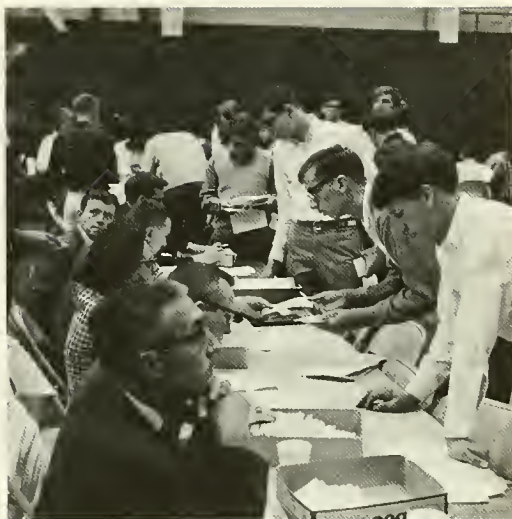
ACADEMIC CLASSIFICATION

Students are classified academically at the beginning of each year. Membership in the sophomore, junior, or senior classes is granted to those students who have earned a minimum of 28, 56, or 84 semester hours credit respectively.

All entrance deficiencies must be removed before the academic status of sophomore is granted.

COUNSELING AND PLACEMENT

Lebanon Valley College recognizes as part of its responsibility to its students the need for providing sound educational, vocational, and personal counseling. Measures of inter-



est, ability, aptitude, and personality, in addition to other counseling techniques, are utilized in an effort to help each student come to a fuller realization of his capabilities and personality. An important part of the counseling program consists of a series of lectures and discussions conducted as a non-credit orientation course for new students.

Placement services are provided by the College for aiding students in procuring part-time employment while in college and in obtaining positions upon graduation. A current file is maintained which contains information about positions in various companies and institutions, Civil Service opportunities and examinations, entrance to professional schools, assistantships, and fellowships. Representatives of business, industry, and educational institutions visit the campus annually to interview seniors for prospective employment. A file of credentials and activities of those students availing themselves of the services is available to prospective employers. Graduates may keep their individual files active by reporting additional information to the Director of Industrial Placement.

A Teacher Placement Bureau which assists students in finding positions is maintained.

Records of student credentials in all areas of the students' activities are on file.

ADMINISTRATIVE REGULATIONS

The rules of the College are designed to provide for proper regulation of the academic community. The rules and regulations as stated in this bulletin are announcements and in no way serve as a contract between the student and the College. Attendance at the College is a privilege and not a right. The student by his act of registration concedes to the College the right to require his withdrawal any time deemed necessary to safeguard the ideals of scholarship and character, and to secure compliance with regulations. It is expected that the conduct of all campus citizens will conform to accepted standards. All students are required to respond to communications sent by any duly constituted authority of the College.

CLASS ATTENDANCE

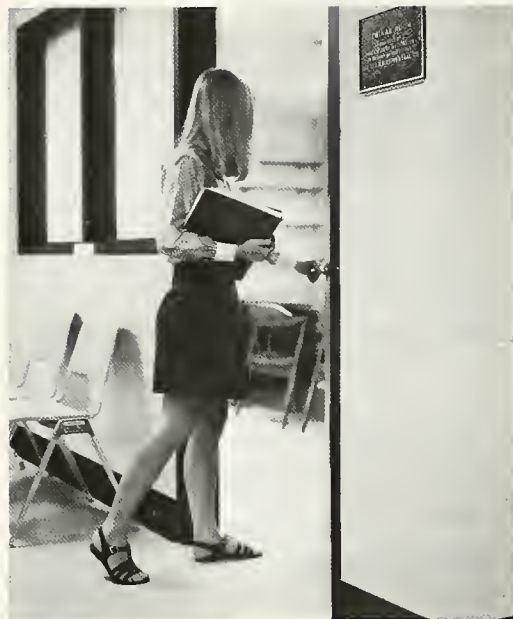
Each student is held responsible for knowing and meeting all requirements for each course, including regular class attendance. Because of differences in various disciplines, specific regulations governing class attendance are set by each department, approved by the Dean of the College, and administered by the instructor. At the opening of each course the instructor will clearly inform the students of the regulations on class attendance. Violations of class attendance regulations will make the student liable to being dropped from the course with a failing grade, upon the recommendation of the instructor and with the approval of the Dean of the College.

Excused absences are granted by the Registrar's office only for bona fide medical and compelling personal reasons, or for participation in official functions of the College. Students on academic probation are permitted only excused absences.

Excused absences do not absolve the student from the necessity of fulfilling all course requirements.

CHAPEL ATTENDANCE

Chapel service is conducted once a week. Attendance is required of all full-time stu-



dents. Five absences are allowed during a semester. For each additional unexcused absence one hour will be added to the required hours for graduation.

HAZING

Hazing is strictly prohibited. Any infringement by members of other classes upon the personal rights of freshmen as individuals is interpreted as hazing.

CARS AND STUDENT PARKING

Resident students of the three upper classes may have cars on campus. Resident freshmen students are not permitted to have cars.

All cars owned or operated by Lebanon Valley College students must be registered with the student Men's Senate Parking Committee. Violations of parking regulations established by the Senate Parking Committee may result in fines.

TRANSCRIPTS

Each student, former student, or graduate is entitled to one transcript of his college record without charge. For each copy after the first, a fee of one dollar is charged.

REGULATIONS REGARDING ACADEMIC PROBATION, SUSPENSION, DISMISSAL, WITHDRAWAL

A. PROBATION

A student can be placed on academic probation by the Dean of the College or suspended or dismissed if his academic standing fails to come up to the grade-point average shown in the following table:

	Probation	Suspension or dismissal
1st semester.....	1.25	
2nd semester.....	1.50	1.25 cumulative
3rd semester.....	1.50	
4th semester.....	1.70	1.50 cumulative
5th semester.....	1.75	
6th semester.....	1.75	1.65 cumulative
7th & 8th semesters...	1.75	in all courses

A student placed on academic probation is notified of such status by the Dean of the College and informed of the College regulations governing probationers. Students on probation are required to regulate their work and their times so as to make a most determined effort to bring their work up to the required standard.



When a student is placed on academic probation, faculty and parents are notified by the Dean of the College. The Dean of the College may terminate the period of probation of any student. Usually this occurs at the end of a final marking period.

Infraction of the following regulations governing probationers render a student liable to dismissal:

1. No unexcused class absences will be permitted.
2. Any office or activity in any College organization that involves such expenditure of time as to jeopardize the successful pursuit of academic work must be relinquished.

B. SUSPENSION

1. A student who obviously fails to achieve at a level commensurate with his measured ability may be suspended for at least one semester.

2. A student suspended for academic reasons is not eligible for reinstatement for at least one semester, preferably two.

3. A student seeking reinstatement to Lebanon Valley College must apply in writing to the Dean of the College.

4. Students suspended for academic reasons are not permitted to register for work in the Auxiliary Schools except for the most compelling reasons and then only with the approval of the Assistant Dean of the College.

5. A student may be suspended without a prior period on probation.

C. DISMISSAL

A student dismissed for academic reasons is not eligible for readmission.

D. WITHDRAWAL FROM COLLEGE AND READMISSION

Official withdrawal from College is accomplished only by the completion of the withdrawal form obtained in the Registrar's Office. This is the sole responsibility of the student.

Application for readmission will be considered only if the formal withdrawal procedure has been followed at the time of withdrawal.

Student Activities



THE RELIGIOUS LIFE

Lebanon Valley College was founded as a Christian College and continues to be dedicated to this objective. All students are invited and urged to participate in some phase of religious activity.

CHAPEL

A college chapel service is held weekly in the Chapel. Students are required to attend under modified attendance arrangements. Frequently, students, regional clergymen from the various denominations, and nationally and internationally known speakers participate in these services, which constitute an integral part of liberal education for every college student. The Chapel Choir shares in most of the services.

SUNDAY SERVICES

The United Methodist Church and the other churches of the community extend a warm welcome to all college students who wish to attend Sunday worship.

There are seven churches of different denominations in Annville itself. Other parishes of major religious groups not found in Annville are located within a five-mile radius of the College.

THE STUDENT CHRISTIAN ASSOCIATION

The Student Christian Association begins the year with a Big Sister-Little Sister, Big Brother-Little Brother program, and initiates a week of activities to welcome the incoming freshmen. Throughout the year the organization sponsors faculty firesides where students spend an evening at home with the professors, and all-campus retreats for fun, fellowship and relaxation. Student Christian Association provides special seasonal services, opportunities for

weekend work camps, and presentations by guest speakers for intellectual and spiritual stimulation. All students are welcome to assist in the planning of and to participate in these activities.

RELIGIOUS EMPHASIS WEEK

This is one of the outstanding religious events of the school year. Notable speakers are invited to share their experiences with the student body through classroom lectures, seminars, convocations, and personal interviews.

THE BALMER SHOWERS LECTURE

This annual lectureship was established and endowed by the late Bishop Emeritus J. Balmer Showers, '07, of the Evangelical United Brethren Church. Under the stipulations of the endowment, the lectures are delivered by distinguished scholars of recognized leadership in the areas of Christian faith and theology, biblical archaeology and interpretation, Christian ethics of the Christian ministry.

RELIGION AND LIFE LECTURESHIPS

The purpose of the Religion and Life Lectureships is to deepen the student's understanding of some of the problems of life and the religious resources that are available to meet such problems. Each semester a Christian leader of national or international reputation is invited to spend a day on campus in order to confer with students and faculty, to conduct seminars, and to address the entire college community.

CHRISTIAN VOCATION WEEK

During this period special emphasis is given to the Christian way of life as the basis for all occupations and professions. Opportunity is provided for students interested in full-time church vocations to confer with visiting teams of advisers and counselors.

DELTA TAU CHI

Delta Tau Chi is an organization composed primarily of students who have decided to devote full-time service to church vocations. Membership is open, however, to all students who wish to participate in the activities of the organization. The group holds regularly scheduled meetings, daily morning prayers, sends deputations to churches, conducts programs at various hospitals and homes, and enters into other community projects.



CAMPUS ORGANIZATIONS

SOCIAL ORGANIZATIONS

Five organizations endeavor to enrich the social program of the College by sponsoring social activities on the campus and in the community, and by broadening the experience of its members through group action.

Phi Lambda Sigma
Kappa Lambda Sigma
Kappa Lambda Nu
Delta Lambda Sigma
Knights of the Valley

RECOGNITION GROUPS

Students who have achieved scholastic distinction in their academic work or in certain areas are eligible for membership in honorary scholastic societies.

Phi Alpha Epsilon
Beta Beta Beta
Pi Gamma Mu
Psi Chi

HONORARY AND SERVICE ORGANIZATIONS

Six organizations exist to bring recognition to deserving music students and participants in dramatic activities or to function as service organizations on the campus.

Alpha Phi Omega
Alpha Psi Omega
White Hats
Phi Mu Alpha
Sigma Alpha Iota
Epsilon Zeta Phi

PUBLICATIONS

Practical experience in management, writing, and editorial work is available to students through membership on the staff of the college yearbook and the campus newspaper.

The Quittapahilla
La Vie Collegienne

DEPARTMENTAL CLUBS

Many departmental clubs provide opportunities for students to participate in supplemental department activities. At regular meetings reports on appropriate topics are

presented and discussed. Other activities sponsored by the departmental clubs include lectures by specialists in the club's particular field of interest, educational films, and field trips.

Chemistry: American Chemical Society
Affiliate

Economics: Investment Club

Education: Childhood Education Club
Student Pennsylvania State
Education Association

English: Green Blotter Club

Mathematics: Industrial Mathematics Society
Affiliate

Modern Languages: French Club, German
Club, Russian Club

Physics: Physics Club, Student Section of the
American Institute of Physics

Psychology: Psi Chi

DRAMATICS AND MUSIC

An opportunity to develop dramatic, forensic, and musical talents under qualified leadership is offered to the students of Lebanon Valley College by the following organizations:

Symphonic Band

All-Girl Band

College Chorus

Concert Choir

Chapel Choir

Symphony Orchestra

Wig and Buckle Club

Guild Student Group (American Guild of
Organists)



CULTURAL OPPORTUNITIES

Lebanon Valley College offers cultural programs in the form of concerts by students, faculty members, and musical organizations in the Department of Music, and lectures sponsored by the various departments of the College. In addition, the neighboring communities of Harrisburg, Hershey, and Lebanon offer concerts, lectures, and other cultural activities throughout the year.



FACULTY-STUDENT GOVERNMENT

Ultimate responsibility for activities on the college campus rests with the faculty and the administration. However, the faculty and the administration have delegated powers and responsibilities to the student governing bodies so that, to a large extent, students govern themselves. The College encourages initiative and self-government as a part of the democratic training offered.

FACULTY-STUDENT COUNCIL

The coordination of student affairs is the responsibility of the Faculty-Student Council. The Council is composed of three faculty members and a representative from each of the organizations on the campus. The purpose of this organization, in addition to coordinating student activities, is to consider matters pertaining to student welfare, to seek improvement of the social life of the campus, to serve as liaison between students and faculty, and to suggest and initiate programs for the over-all improvement of the College.



GOVERNING BODIES

Four student governing bodies function on the campus. The Senate is the governing body for students living in the men's residence halls and for men students residing in the community with other than their immediate families; the Men's Day Student Congress is the governing body for commuting men students; the Resident Women's Student Government Association is the governing body for women living in the residence halls; and the Women's Commuter Council is the governing body for commuting women students. These four organizations, with the approval of the faculty, make and administer the rules which govern certain aspects of student life.

ATHLETICS AND RECREATION

Lebanon Valley College maintains a full program of intramural and intercollegiate athletic activities. Intramural leagues and tournaments are conducted in the various sports for men, while the women acquire points toward individual awards by participation in the women's intramural program.

The college participates in seven intercollegiate sports for men (basketball, cross-country, football, golf, lacrosse, track, wrestling) and two for women (basketball and hockey). There are two athletic organizations on the campus, the LV Varsity Club for men and the Women's Athletic Association.

Lebanon Valley College is a member of the following national and regional athletic associations: National Collegiate Athletic Association, Middle Atlantic States Collegiate Athletic Conference, Eastern College Athletic Conference, and Central Pennsylvania Field Hockey Association.



AIMS AND OBJECTIVES OF INTERCOLLEGIATE ATHLETICS

Lebanon Valley College endeavors to maintain inter-collegiate athletic programs for the students rather than for spectators. The overall programs are not regarded as money-making ventures. On the contrary, intercollegiate athletics has consistently been a financial burden. However, the College continues to support and encourage intercollegiate athletics because we are convinced that it is an important factor in the intangible known as "morale." Intercollegiate athletics is an integral part of the educational pattern of our young people—no more and no less.

Courses of Study



GENERAL INFORMATION

COURSE NUMBERING SYSTEM

Courses are numbered as follows: 1-19 indicates courses offered at the freshman level; 20-29 indicates courses offered at the sophomore level; 30-39 indicates courses offered at the junior level; 40-49 indicates courses offered at the senior level; 101-142 indicates courses in applied music.

If the year is not indicated after a course, it is understood that the course is offered every year. Courses that continue throughout the year are listed in two ways. If either semester may be taken as a separate unit, without the other semester, the course will be listed as *a* and *b*. For example, a student may take English 21*b* even though he has not had English 21*a* and does not expect to take it. But if no letter is indicated with the course number, a student may not enter the course at mid-year.

COURSE CREDIT

Semester hours of credit, class hours per week, and laboratory hours per week are indicated by three numbers immediately following the course title, i.e., "4:2:4 per semester" following "Biology 18*a*–18*b*" means four semester hours of credit, two classroom hours per week, and four laboratory hours per week each semester.





ART

Assistant Professor Batchelor; Instructors Jeffries and Silldorff

12. Introduction to Art.

3:3:0. Either semester.

Program seeks to develop an increase in an understanding of the nature of art as expressed through the visual art forms. Emphasis is made of the importance of the development of individual perception for a qualitative increase of appreciation of the functional role of the artist, the viewer, and the critic in their given culture. Lecture, problems using various elements of compositional structure with various media, visual aids, supplementary readings, field trips.

Prerequisite: to other art courses.

14. Studio Drawing and Painting.

2:1:2 per semester.

Problems offered which attempt to provide maximum opportunity for development of the creative capacity of the individual in terms of active involvement with examination and exploration of the limits of inherent qualities of various media, techniques, and tools as related to the various arts forms. Emphasis is placed on the strengthening of qualities of sound structure, good drawing, fine craftsmanship, together with those of esthetic quality.

21a. Art History, Pre-history through the Middle Ages.

3:3:0. First semester.

Consideration of representative visual expressions of the major cultures of the successive historic periods included. Stress given to the interaction of factors influencing the various forms of visual expressions. Lecture, discussion, visual aids, and assignment of breadth to encourage individual research in area of developing interest.

Prerequisite: Art 12.

21b. Art History, Renaissance to Twentieth Century.

3:3:0. Second semester.

Study of the major forms of the visual arts representative of the Renaissance and succeeding centuries as expressed both by the individual and major schools. These viewed in terms of degree of reflection of the social, ideological, and economic foci of the period. Lecture, discussion, visual aids, supplementary assignments.

Prerequisite: Art 12.

32. Art in the Elementary School.

3:2:2. First semester.

Survey of theories of art education and of programs of creative process activities adaptive to the various levels of maturation at the elementary level. Studio experience employing a variety of media and techniques is offered to give experience and understanding to the problems involved. Practical knowledge of process, sources of supply, approaches to display, and trends in evaluation of process are presented through lecture, discussion, demonstration, visual aids, supplementary reading.

Prerequisite: Art 12.



BIOLOGY

Professor Light; Associate Professor Hess; Assistant Professors Bollinger, Malm, Wolf and Wolfe

The work outlined in the following courses in biology is intended to develop an appreciation of man's relation to his universe, to acquaint students with those fundamental concepts necessary for the proper interpretation of the phenomena manifested by the living things with which they are surrounded, and to lay a foundation for specialization in professional courses in biology.

The courses are designed to prepare students for the work in medical schools, schools for medical technologists, hospital schools for training of nurses, for graduate work in colleges and universities, for teaching the biological sciences in high schools, and for assistantships in university and experiment station laboratories in the departments of agriculture and other government agencies.

Major: Biology 18 and 21, Chemistry 13, 24, and 25, Physics 10 or 17, one semester of Biology 40.1, and sixteen additional hours in Biology.

14. Introduction to Biology. 3:2:2 per semester.

The central theme is human life, its relation to, and dependence upon, biological phenomena. The course is designed for the non-science major; however, modern concepts of chemistry and physics will be utilized to explain biological problems.

The laboratory includes exercises in botany, genetics, ecology, anatomy, and physiology.

***18a—18b. General Biology.** 4:2:4 per semester.

Representative forms of plant life are studied the first semester and representative forms of animal life the second semester. Structure, and biological laws and principles are stressed.

21. Microbiology and Clinical Techniques. 4:2:4. First semester.

A study of bacteria, mold, yeasts, rickettsin, and viruses, including laboratory technique in bacteriology. The course includes experiments in basic clinical techniques.

22. Genetics. 4:3:2. Second semester.

This course deals with the mechanism and laws of heredity and variation, and their practical applications.

* This course or its equivalent is prerequisite to all other courses in the department.

- 28. Botany.** 4:2:4. Second semester.
The course is designed to deal with the broader aspects of plants, emphasizing a study of the taxonomic, ecological, evolutionary and pathological principles. Consideration will be given to the local flora, with emphasis being placed on those features which indicate relationships of the various families.
- 29. Biology of the Chordates.** 4:2:4. First semester.
The anatomy of the chordates is studied from a comparative viewpoint with particular attention given to the correlation of structure to living conditions. Laboratory work involves dissection and demonstration of representative chordates.
- 30. Comparative Histology and Microtechnique.** 4:2:4. First semester.
Microscopic anatomy of invertebrate and vertebrate tissues illustrating basic tissue similarities and specializations in relation to function. The laboratory includes the preparation of slides utilizing routine histo-biological and histo-chemical techniques.
- 31. Developmental Biology.** 4:2:4. Second semester.
The study of basic descriptive phenomena in the development of typical invertebrate and vertebrate embryos will be extended into consideration of modern embryological problems.
- 32. Animal Physiology.** 4:2:4. Second semester.
This course presents the basic concepts of physiology, with special reference to man.
- 34. Plant Physiology.** 4:2:4. First semester.
This course acquaints the student with the various functions of parts of plants. It includes lectures and experimental work on the processes of photosynthesis, nutrition, respiration, growth, the role of hormones, digestion, absorption, etc.
- 35. Invertebrate Zoology.** 4:2:4. Second semester.
A study of the anatomy, physiology, and life histories of representatives of most of the invertebrate phyla.
- 40.1. Biology Seminar.** 1:1:0 First semester.
Readings, discussions, and reports on modern trends in biology.
- 41. Environmental Biology (Ecology).** 3:3:0. Either semester.
The fundamental concepts of ecology are examined with emphasis being placed on the interaction between organisms and their biological and physical environment in selected ecosystems — freshwater, marine, and terrestrial. Field trips will be taken to selected areas.
Prerequisites: Two semesters of biology beyond Biology 18a and b or permission of the instructors.
- 44. Special Problems.** 1 or 2 hours credit per semester.
Limited to students majoring in biology who have had ample courses in the department and whose records indicate that they can be encouraged to take part in research or can work independently on research problems in which they have a special interest.
It is also for those who have had most of the courses required for their major but who may have a special need for experience in fields not listed in the course offerings of the department.
- 45. Cellular Physiology.** 4:2:4. First semester.
Cell function and structure: a basis for a deeper understanding of those processes common to living things.
For Senior or Junior majors who have completed at least two years of chemistry.



CHEMISTRY

Professor Neidig; Associate Professors Griswold and Lockwood; Assistant Professor Spencer; Instructor Bell

The aims of the department are: (1) to provide students majoring in chemistry rigorous training in the principles and applications of modern chemistry; (2) to provide students interested in the teaching profession an opportunity to become acquainted with the teaching of science; and (3) to offer students interested in advanced study or in industrial employment professional training in chemistry.

Major: Chemistry 24, 25, 30-1, 36, 37, 38, 39 and 4 hours of 44.

B.S. in Chemistry (certified by the American Chemical Society): Chemistry 24, 25, 30-1, 36, 37, 38, 39, 41, 45, 47 and 4 hours of 44.

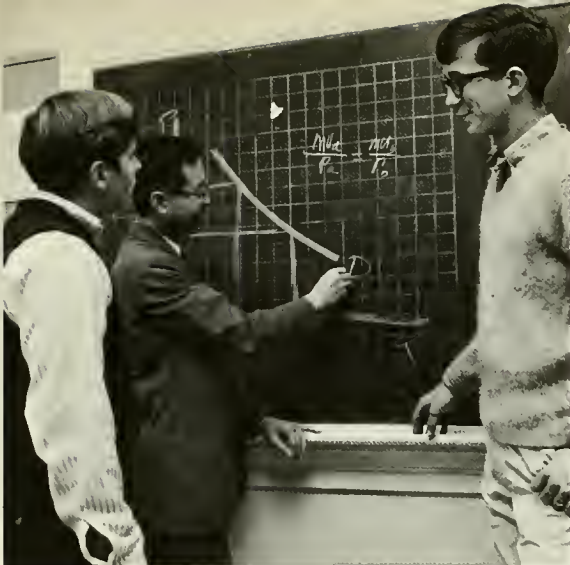
For outline of course leading to the degree of B.S. in Chemistry, see pages 32-33.

INDEPENDENT STUDY

Juniors and seniors may participate in the Independent Study program if they have demonstrated a high scholastic ability and proficiency in both experimental and theoretical chemistry. To be recommended for departmental honors, a student is required: (1) to submit a thesis based on extensive laboratory investigation of an original problem; (2) to defend the thesis before an appropriate examining committee.

- 13. Principles of Chemistry.** 4:3:3 per semester.
A systematic study of the fundamental principles and concepts of chemistry.
- 24. Chemistry of the Covalent Bond.** 4:3:4. Second semester.
The presentation of the structure and chemistry of covalent compounds including thermodynamic and kinetic considerations.
Prerequisite: Chemistry 25.
- 25. Reaction Kinetics and Chemistry Equilibria.** 4:3:4. First semester.
An investigation of chemical systems involving a study of reaction kinetics and equilibria, emphasizing the reaction of ionic substances and using modern analytical methods.
Prerequisite: Chemistry 13 or demonstrated equivalent background.
- 30.1. Laboratory Investigations II.** 2:0:8. Second semester.
Physical-chemical investigations of chemical systems.
Prerequisite: Chemistry 36 (first semester).
Corequisite: Chemistry 36 (second semester).

- 36. Physical Chemistry.** 3:3:0 per semester.
A course in the physical theories of matter and their applications to systems of variable composition.
Prerequisites: Chemistry 25 and Mathematics 11.
Corequisite: Physics 17.
- 37. Organic Chemistry.** 5:3:8. First semester.
A study of the preparation, properties, and uses of the aliphatic and aromatic compounds with emphasis on the principles and reaction mechanisms describing their behavior.
Prerequisite: Chemistry 24.
- 38. Instrumental Analysis.** 3:3:0. Second semester.
A consideration of the use of instrumental analytical methods including spectrophotometric, electroanalytical, coulometry, and polarography.
Prerequisite: One semester of Chemistry 36.
Corequisite: A second semester of Chemistry 36.
- 39. Laboratory Investigations I.** 1:0:4 per semester.
Use of instrumental techniques for investigating chemical systems.
Prerequisite: Chemistry 24.
Corequisite: Chemistry 36.
- 41. Advanced Organic Chemistry.** 3:3:0. Second semester.
A consideration of the structure of organic compounds and the mechanisms of homogeneous organic reactions.
Prerequisites: Chemistry 36 and Chemistry 37.
- 43. Biochemistry.** 4:3:4. First semester; 3:2:4. Second semester.
A course in the physical and organic aspects of living systems.
Prerequisite: Chemistry 25.
- 44. Special Problems.** 2:1:4 per semester. A maximum of eight semester hours credit may be earned in this course.
Intensive library and laboratory study of topics of special interest to advanced students in the major areas of chemistry. For students preparing for Secondary School Teaching, the emphasis is placed on methods of teaching Chemistry.
Prerequisites: Chemistry 36, and the consent of the Chairman of the Department.
- 45. Advanced Analytical Chemistry.** 3:3:0. First semester.
A study of advanced topics in analytical chemistry.
Prerequisites: Chemistry 36 and Chemistry 38.
- 46. Qualitative Organic Analysis.** 2:0:8. First semester.
Presentation of the principles and methods of organic analysis.
Prerequisite: Chemistry 37.
- 47. Advanced Inorganic Chemistry.** 3:3:0 per semester.
An advanced course applying theoretical principles to the understanding of the descriptive chemistry of the elements.
Prerequisites: Chemistry 36 and Physics 27.
- 48. Advanced Physical Chemistry.** 3:3:0. Second semester.
A presentation of advanced topics in chemistry from such areas as quantum mechanics, thermodynamics, and kinetics.
Prerequisite: Chemistry 36.



ECONOMICS AND BUSINESS ADMINISTRATION

Professors Tom and Riley; Assistant Professor Peterke; Instructors Gates and Grace

The aim of Lebanon Valley College is to give its students the opportunity to procure a liberal education of the highest quality. Thus within this general objective of the College, the program of study in Economics and Business Administration at Lebanon Valley College is designed to provide for its own major:

1. A broad and liberal education so that graduates of this Department will play a more active role in our changing world of ideas and actions; and
2. A sound and integrated knowledge of the essential principles and problems of economics and business administration.

Major: Economics 20, first semester of Economics 23, and 21 additional hours as approved by the adviser. These additional hours should include Economics 35, 36, 40.2, 40.3 and 48.

For an outline of the suggested program in Economics and Business Administration, see pages 34-35.

Economics 20 is a prerequisite for all courses in this department of a higher number except Economics 23 and 32.

A concrete effort is afoot nationally to promote an understanding of the American economy. In an effort to raise the level of economic literacy, the Commonwealth of Pennsylvania and other states have prescribed the introduction of economics in the secondary schools. The Department of Economics and Business Administration offers a program for the granting of Automatic Teaching Certification in Comprehensive Social Studies with a major in Economics as approved by the Department of Public Instruction of the State of Pennsylvania.

INDEPENDENT STUDY

The purpose of the departmental Independent Study program is to provide opportunity for capable students to undertake advanced academic work independently under supervision of one or more members of the department.

In order to participate in the departmental Independent Study program, the applicant is required to:

1. demonstrate in his academic work the caliber of scholarship required to undertake extensive research projects;

2. apply for and receive permission for such participation from the Departmental Chairman and from the Dean of the College no later than the end of the first semester of the junior year;
3. obtain departmental approval of a research project;
4. prepare a paper on the research project under the guidance of one or more staff members of the department;
5. submit the paper in April of the senior year; and
6. present and defend the paper before a faculty committee selected by the Departmental Chairman and the Dean of the College.

On the basis of the student's performance in the Independent Study program, the Departmental Chairman and the Dean of the College will determine whether or not the student will be graduated with departmental honors.

ECONOMICS

10. Economic Geography.

3:3:0. First semester. (Not offered 1969-1970)

Problems studied include: the geographical distribution, the significance and consequences of uneven production, and solutions to the surplus and deficit problems of economic resources in the world; the relationship between economic resources and economic development. Attention is given to the political, social, and cultural aspects of world geography, but with emphasis on the economic aspects.

11. Introduction to American Business and Industry.

3:3:0. Second semester.
(Not offered 1969-1970)

A survey of the development of the American economic system as a whole, the nature of the various leading industries—agricultural and non-agricultural, consumer goods and producer goods, and the relationship between these industries and the broader aspects of our national economic life.

20. Principles of Economics.

3:3:0 per semester.

An introductory course in economic principles: consumption, production, banking and monetary theories and policies, governmental activities and fiscal policies, price system and allocation of resources, price levels and business fluctuation, theory of employment and income, and international economics.

Prerequisite for courses of a higher number within the department, except 23 and 32.

36. Money and Banking.

3:3:0. Second semester.

Nature and functions of money and credit, credit instruments and the money market, development and role of commercial banking and central banking, and structure and functions of the Federal Reserve System. Monetary and banking theory, policy, and practice. Influence on prices, level of income and employment, and economic stability and progress.

37. Public Finance.

3:3:0. First semester.

Revenues and expenditures and economic functioning of the federal, state, and local governments; principles of taxation—shifting, incidence, and burden; influence on incentives, income distribution, and resource allocation; economic and social aspects of public spending; budgetary control and debt management; fiscal policy and economic stability.

38. International Economics.

3:3:0. First semester.

A study of theories of trade; capital movement; mechanism for attaining equilibrium; economic policies such as tariff, quota, monetary standards and exchange, state trading, cartel, and other economic agreements; the International Monetary Fund and the International Bank for Reconstruction and Development.

40.1. History of Economic Thought.

3:3:0. Second semester.

The evolution of economic thought through the principal schools from Mercantilism to the present. Attention will be given to the analysis of the various theories of value, wages, interest, rent, profit, price level, business cycles, and employment, and to the influences of earlier economic ideas upon current thinking and policy-making.

40.2. Microeconomic Analysis.

3:3:0. First semester.

Theories of demand, production, price, and resource allocation.

40.3. Seminar and Special Problems.

3:3:0. Hours to be arranged.

Independent study and research in economics, business administration, or accounting under the direction and supervision of the departmental staff.

40.4 Macroeconomic Analysis.

3:3:0. Second semester.

Theoretical and empirical study of national income, business cycle, and economic growth.

48. Labor Economics.

3:3:0. First semester.

Analysis of the American labor movement; theories, history, structure, and functions of unionism; individual and collective bargaining policies and practices; labor legislation; grievances; arbitration.

BUSINESS ADMINISTRATION**23. Principles of Accounting.**

4:3:2 per semester.

Accounting principles and their application in service, trading, and manufacturing business operating as single proprietorships, partnerships, and corporations. Topics studied include: the accounting cycle—journalizing, posting, worksheet, financial statements, adjusting, closing; basic partnership problems—formation, distribution of profits, dissolution; corporation and manufacturing accounting; basic problems of depreciation, depletion, valuation; introduction to analysis, interpretation, and use of financial statements.

Accounting, a language of business, provides a tool to implement work in other fields of business administration.

30. Intermediate Accounting.

3:3:0. First semester. Offered 1970-1971.

Intensively covers valuation accounting relating to working capital items—cash, temporary investments, receivables, inventories, current liabilities; non-current items—investments, plant and equipment, intangible assets and deferred charges, and long-term liabilities; and corporate capital. Includes nature of income, cost, and expense; statement of source and application of funds; and statement preparation and analysis. Attention is given to relevant official pronouncements in accounting. CPA examination accounting theory questions are utilized.

Prerequisite: Economics 23.

31. Advanced Accounting.

3:3:0. Second semester. Offered 1970-1971.

Accounting for joint ventures; special sales procedures—installment, consignment, agency and branch; parent and subsidiary accounting—consolidations and mergers; fiduciary and budgetary accounting—statement of affairs, receivership, estates and trusts, governmental accounting; foreign exchange; insurance; actuarial science and applications. Attention is given to relevant official pronouncements in accounting. CPA examination accounting problems are utilized.

Prerequisite: Economics 30.

32. Business Law.

3:3:0 per semester. Offered 1970-1971.

Elementary principles of law generally related to the field of business including contracts, agency, sales, bailments, insurance, and negotiable instruments.

35. Marketing.

3:3:0. Second semester.

As a branch of applied economics, this course deals with (1) the application of economic theory in the distribution of economic goods on the manufacturers' and wholesalers' level;

(2) the methods of analysis on the product, the consumer, and the company, and (3) the administrative decisions on product planning, distribution channels, promotional activities, sales management, and price policy. To bridge the gap between the understanding and the application of marketing principles, students are required to prepare and discuss a number of cases pertaining to some specific areas of marketing.

40.5 Auditing. 3:3:0. First semester. Offered 1969-1970.
Study and appraisal of current auditing standards and related literature.

42. Income Tax Accounting. 3:3:0. First semester. Offered 1969-1970.
Analysis of the Federal Income Tax Law and its applications to individuals, partnerships, fiduciaries, corporations; case problems; preparation of returns.
Prerequisite: Economics 23, or consent of instructor.

43. Cost Accounting. 3:3:0. Second semester. Offered 1969-1970.
Industrial accounting from the viewpoint of material, labor, and overhead costs; the analysis of actual costs for control purposes and for determination of unit product costs; assembling and presentation of cost data; selected problems.
Prerequisite: Economics 23.

44. Corporation Finance. 3:3:0. First semester.
A study of organizing a business, financing permanent and working capital needs, managing income and surplus, expanding through internal growth and combination, recapitalization and reorganization. Forms of business organization; charter and by-laws; directors, officers, and stockholders; stocks and bonds; dividend policy; concentration and anti-trust legislation.

45. Investments and Statement Analysis. 3:3:0. Second semester.
Development and role of investment and its relation to other economic, legal, and social institutions. Investment principles, media, machinery, policy, and management are discussed. Financial statement analysis is stressed and designed for preparation as Certified Public Accountants and/or Chartered Financial Analysis.

49. Industrial Management and Personnel Administration. 3:3:0. First semester.
Principles of decision making in business management. Personnel policies and practices.





EDUCATION

Professor Ebersole; Associate Professor Weast; Assistant Professors Batchelor, Curfman, Herr, Petrofes and Weider; Instructors Onofrey and Struble

The aim of the Department of Education is to acquaint students with the art of teaching and to develop in each prospective teacher a full realization of his responsibilities in this profession.

Courses are provided to comply with state certification in the elementary and secondary fields of the public schools.

For a statement of requirements for those planning to enter the teaching profession, see pages 36-37 and 44-46.

ELEMENTARY EDUCATION

Major: Elementary Education 22, 23, 32, 34, 36, 37, 40, 43, 44; Geography 10, Psychology 21.

INDEPENDENT STUDY

Independent Study in elementary education permits the capable student to increase the depth of his understanding in an area of special interest and the general scope of his knowledge of elementary education. It is planned as an integral part of the student's major program rather than work superimposed upon it.

A student majoring in elementary education may participate in the Independent Study Program when he completes the freshman-sophomore College Honors Program or when he demonstrates in his academic work the caliber of scholarship required to undertake an extensive research project; achieves a 3.3 grade-point average in departmental courses and a 3.0 grade-point average in all college courses; applies in writing to the chairman of the department not later than the end of the first semester of his junior year. Approval of the application must be given by the Dean of the College upon recommendation by the department staff.

A maximum of nine credit hours may be earned in this program. These hours will be distributed over the junior and senior years with a minimum of one and a maximum of three hours to be taken in one semester. This must include participation in the Senior Seminar, Elementary Education 44, required of all students majoring in elementary education. The student will investigate an area of special interest beginning with the study of the literature and culminating in the design and execution of

an approved experimental or theoretical research project; submit to the departmental chairman periodic progress reports and any other indication of performance that may be required by the department; complete the project by April of the senior year; report and defend the findings of the project in a manner to be determined by the departmental staff.

Graduation with Honors in Elementary Education will depend on the quality of performance in the research project, the maintenance of the grade point averages required for admission to the program, the results of the Graduate Record Examination, success in the comprehensive student-teaching program, and the final approval of the departmental staff and the Dean of the College.

EDUCATION COURSES For Both Elementary and Secondary Education

20. Social Foundations of Education. 3:3:0. First semester.

A study is made of the history of education correlated with a survey of the principles and theories of noted educational leaders. Emphasis is placed on the influence these leaders and their followers have made on school and society.

Required for elementary and secondary certification.

30. Educational Measurements. 3:3:0. First semester.

A study of the principles of validity and reliability, appraisal and construction of test items and consideration of the uses of test results.

Recommended elective in elementary and secondary fields.

Prerequisite: Psychology 20.

41. An Introduction to Guidance. 3:3:0. Second semester.

An overview of guidance in the public schools including the history, philosophy and development of programs. Procedures and instruments to be employed by the classroom teacher; creation of conditions for mental health; relation of guidance to other phases for instruction.

Prerequisites: Education 20; Psychology 20 and 23.

42. The Education of the Exceptional Child. 3:3:0. Second semester.

A general view of the practices and programs for the education of exceptional children and youth. The study includes children with physical, mental, and emotional handicaps; gifted children. Observation in special classes, child study, and the survey of curricular materials used in their education are part of the requirements.

Prerequisites: Education 20; Psychology 20 and 23.

45. Visual and Sensory Techniques. 3:3:0. Second semester.

Psychological bases for sensory aids; study and appraisal of various aids; use of apparatus; sources of equipment and supplies.

Recommended elective in elementary and secondary fields. Open only to seniors preparing to teach or enter the ministry.

Prerequisites: Education 20; Psychology 20 and 23.

ELEMENTARY EDUCATION

El. Ed. 22. Music in the Elementary School. 3:3:0. Second semester.

Fundamentals of music, movement to music, study of child voice, materials and methods for the different grades, and a survey of the literature used in the public schools.

El. Ed. 23. The Physical Sciences in the Elementary School. 3:2:2. Second semester.

Recent developments in arithmetic and science and the applications in the classroom; curriculum planning; modern teaching methods; instructional materials; demonstrations and

experiments adapted to the elementary classroom.

Prerequisites: Elementary Education 25; one year of a laboratory science.

El. Ed. 25. Mathematics for the Elementary Grades. 3:3:0. Second semester.

An introduction to the fundamental concepts of mathematics and a survey of the new and old in mathematical disciplines as applied in the elementary school.

El. Ed. 34. Teaching of Reading. 3:3:0. First semester

A study of the problems and procedures of instruction in the development of basic reading skills. Effective reading programs, courses of study, teaching and learning materials, and research studies in this field are investigated and evaluated.

El. Ed. 36. Communications and Group Processes in the Elementary School. 3:3:0. per semester.

A course dealing with fundamentals for language growth in the areas of oral and written expression, correct usage, spelling, and handwriting. The development of basic concepts related to effective citizenship in a democracy. A variety of learning experiences and materials will be used and evaluated; especially, students will have experience in preparing an individual resource unit.

El. Ed. 37. Children's Literature. 3:3:0 Second semester

A study of the literature of childhood, including authors and illustrators. Attention is given to children's reading interests, criteria and aids in selecting materials, a brief survey of the development of children's literature, and the art of storytelling and its place in the curriculum.

El. Ed. 40. Student Teaching. Twelve semester hours credit. First semester.

Each student spends an entire semester in a classroom of an area public school under the supervision of a carefully selected cooperating teacher. Open to seniors only. A cumulative grade point average of 2.0 during the first six semesters in college is required.

Student teaching begins with the opening of the public schools. College residence halls and dining hall are available to the student teachers.

Prerequisites: Education 20; Psychology 23; Elementary Education 23, 34, 36 and 37.

El. Ed. 43. Health and Safety Education. 3:3:0. Second semester

The course includes a study of basic health and safety practices and procedures as applied to the elementary school, a program of physical education for elementary school children, an American Red Cross approved program of First Aid, and an evaluation of sources and use of materials.

Prerequisites: Education 20; Psychology 23.

El. Ed. 44. Senior Seminar. 3:3:0. Second semester.

The semester gives immediate help with pertinent problems in student teaching. Topics related to over-all success in teaching will be thoroughly dealt with: professional ethics, classroom management, home and school relationships, community responsibilities, professional standards, and other related areas.

SECONDARY EDUCATION

40. Student Teaching. Nine semester hours credit. First semester.

Given to seniors only as a part of the professional semester. Each student spends full time in the classroom for a minimum of 9 weeks.

Six semester hours credit. Second semester.

The program consists of twelve weeks of teaching and observing in the public schools. Students must have four consecutive hours free each day. These hours may be from 8:00 a.m. to 12:00 noon; 9:00 a.m. to 1:00 p.m., 10:00 a.m. to 2:00 a.m. or 11:00 a.m. to 3:00 p.m. The morning hours are preferred.

This course fulfills the Pennsylvania certification requirement:

The minimum in student teaching is based on not less than 180 clock hours spent in the schools under approved supervision including the necessary observation, participation and conferences. Ninety (90) clock hours of the 180 must be completed in actual teaching experiences. Conferences held with the college supervisor are also part of the program.

A cumulative grade point average of 2.0 during the first six semesters in college is required. Before registering for the course, students must consult the Chairman of the Department of Education.

Prerequisites: Education 20 and 49; Psychology 23.

Summer Student Teaching Program.

Six hours credit. Six weeks of student teaching in the secondary field in the Derry Township Public Schools, Hershey, Pennsylvania.

For information concerning the Summer Student Teaching Program contact the Chairman of the Department of Education.

49. Practicum and Methods.

3:7½ :0. First semester. (Professional semester only)

3:3:0. Second semester.

A presentation and evaluation of teaching methods used in secondary schools. Experienced teachers will be invited to participate in class discussions and visitations will be made to the classrooms to observe good teaching. One third of class time will be devoted to acquainting students preparing to teach secondary subjects with understanding and techniques for teaching reading in their respective areas. This course will fulfill the certification requirements for a basic course in reading instruction on the secondary level, effective October 1, 1964.

Required of all seniors in secondary education.

Prerequisite: Psychology 20. Prerequisites or corequisites: Education 20; Psychology 23.





ENGLISH

Professor Struble; Associate Professor Faber; Assistant Professors Ford and O'Donnell; Instructors Coleman, Ramsay and Woods

The purpose of the Department of English is to afford students a vital contact with the literature of our language and to assist them to write and speak effectively.

Major: In addition to the required course in English composition (English 10a–10b) English majors will take English 20, English 21a, 22, 26a–26b, 30a–30b, 32, 35, 49, and twelve hours of electives.

INDEPENDENT STUDY

The Department of English provides three types of recognition of superior ability:

1. Entering students of proved ability in English composition may under certain circumstances be exempted from one or both semesters of English 10, providing they register for Advanced Composition and enough additional hours in literature to meet the general requirements in English for graduation.
2. Students who are majoring in English may become candidates for departmental honors if they have a grade point average of 3.0 in courses in English, and if they receive permission from the chairman of the department and the Dean of the College, ordinarily no later than the end of the first semester of their junior year.

The specific program for departmental honors for each student accepted for the Independent Study Program will be worked out by that student in consultation with the chairman of the department, in accordance with the plan for departmental honors adopted by the faculty on May 8, 1961.

3. A senior who has been accepted for honors and who looks forward to a career in college teaching may, upon recommendation of the chairman of the department and appointment by the Dean of the College, become an intern in English, to render such assistance in the duties of the Department of English as will in some measure help to prepare him for a professional career in this field. Ordinarily only one intern will be appointed in any one academic year.

10a—10b. English Composition.

3:3:0 per semester.

A study, supplemented by practice in writing, of the principles of grammar, logic, rhetoric, and mechanics which enable men to communicate effectively.

11a—11b. Word Study.

1:1:0 per semester.

This course has a twofold purpose: (1) to give the student some insight into linguistic processes, particularly as pertains to the growth of the English vocabulary; and (2) to increase the range of the student's vocabulary, in order that he may have greater mastery over his own native tongue. Problems of pronunciation and spelling go hand in hand with vocabulary building.

20a—20b. Comparative Literature.

3:3:0 per semester.

This course has five principal aims: (1) to familiarize students with some of those masterpieces of Western World literature which are a part of the common heritage of every cultivated mind; (2) to acquaint students with the conventions, techniques, and presuppositions of various types of literature, so that they may be able to deal intelligently with these types when they meet them elsewhere; (3) to give students some training in the techniques of the comparative study of literature, and some appreciation of the possibilities of this approach to literature; (4) to provide students with genuinely aesthetic experiences, in the hope that reading and the appreciation of literature will continue to enrich their spirits throughout their lives; and (5) to pass on to them some sense of the underlying values of our cultural system.

21a—21b. American Literature.

3:3:0 per semester.

First semester: a survey of American literature from the beginnings to the Civil War.

Second semester: a survey of American literature from the Civil War to the present day.

22. Public Speaking.

3:3:0. Either semester.

Basic principles of public speaking with practical training in diction and platform delivery.

23. Advanced Composition.

3:3:0. Second semester.

Principles and techniques of the short story, drama, and novel for students interested in creative writing. Extensive practice in the field of student's special interest.

24. Contemporary Literature.

3:3:0. First semester.

A study of currents and cross-currents in the literature produced in England and America since World War I.

26a—26b. Survey of English Literature.

3:3:0 per semester.

The whole course of English literature, from the beginnings to our own time, viewed in perspective against the background of English life and thought, foreign influences, and the developing national consciousness.

Prerequisite: English 10.

30a—30b. Shakespeare

3:3:0 per semester.

A survey of English drama from its beginnings to the time of Shakespeare; a study of Shakespeare's history plays and their place in the Elizabethan world, and an analysis of Shakespearean comedy.

A study of Shakespeare's tragedies and comedies (problem and romantic).

Prerequisite: English 20 or 26 or consent of the instructor.

31. History of the English Language.

3:3:0. First semester.

Historical study of English sounds, grammatical forms, and vocabulary; introduction to structural linguistics; standards of correctness and current usage. This course is primarily intended for those who plan to teach English and is in part a course in methods of teaching.

Prerequisite: English 20 or 26 or consent of the instructor.

32. Chaucer.

3:3:0. Second semester.

Intended to give the student a reasonable familiarity with Chaucer; to provide a detailed picture of mediaeval life, culture, and thought; and to develop skill in the reading of earlier English.

Prerequisite: English 31.

- 33. Literature of the Victorian Period.** 3:3:0. First semester.
A survey of the major English poets and prose writers from 1830 to 1900.
Prerequisite: English 20 or 26 or consent of the instructor.
- 35. Poetry of the Romantic Movement.** 3:3:0. Second semester.
A study of the principal poets of the early nineteenth century: Wordsworth, Coleridge, Byron, Shelley, and Keats.
Prerequisite: English 20 or 26 or consent of the instructor.
- 37. Contemporary Drama.** 3:3:0. Second semester.
A survey of Continental, British, and American drama since 1890.
Prerequisite: English 10.
- 38. The Novel.** 3:3:0. First semester. Offered 1969-1970.
A study of the development of the novel in England (Richardson to Joyce).
- 40. Eighteenth Century Literature.** 3:3:0. First semester. Offered 1970-1971.
A survey of the principal English authors from Dryden to Blake.
- 49. Seminar in English.** 3:3:0. Second semester.
Intensive review of the student's earlier work in English; systematic coverage of the gaps in the student's knowledge; synthesis of the whole.
The final examination in this course will constitute a comprehensive examination for the department.
Required of all English majors in their senior year.





FOREIGN LANGUAGES

Professors Piel and Fields; Associate Professors Damus and Titcomb; Assistant Professors Cantrell, Cooper, Mrs. Fields and Troutman; Instructors Hansen and Saylor

The immediate aim of this department is to assist the student to acquire a working knowledge of the language or languages which he chooses to study.

The aim of the courses in modern foreign languages is to enable the student to use the foreign tongue as a means of communication: to hear, speak, and eventually to read and write the language. Through his study of the language and literature, the student gains a deeper understanding and appreciation of the life and thought of the people of the country.

Laboratory practice is required of all students in modern foreign languages except those in German 11.

Major: A student may elect either a major in one language or a departmental major. The departmental major consists of at least twenty-four hours in one language and at least twelve hours in a second language.

In French, German and Spanish, one literature course is offered each year, in a regular rotation of courses.

INDEPENDENT STUDY

Students who are majoring in a foreign language may become candidates for departmental honors if they have a grade point average of 3.0 in departmental courses, and if they receive permission from the departmental staff and the Dean of the College, ordinarily no later than the end of the first semester of their junior year.

Honors work will involve the selection of a topic for investigation under the guidance of the departmental adviser, independent reading and study, frequent conferences with the adviser, preparation of a paper on the topic to be submitted by April 1 of the senior year, satisfactory defense of the paper before a committee composed of the departmental staff, the Dean of the College, and any other faculty members who may be invited to participate, and finally, an oral examination in the major language. If these requirements are satisfied, the student will be graduated with Honors in his major language.

FRENCH

Major: Twenty-four hours above the elementary level.

- 1: Elementary French.** 3:3:0 per semester.
A beginning course in French; audio-active technique.
- 10. Intermediate French.** 3:3:0 per semester.
A continuation of French 1 with further practice in conversation, dictation, and in reading and writing. Attention is given to the cultural and historical background of the literature that is read.
Prerequisite: French 1 or two years of secondary school French.
- 20. French Literature of the Sixteenth and Seventeenth Centuries.** 3:3:0 per semester.
A survey of the literary history of the Renaissance and of the Classic periods in France.
- 30. French Literature of the Eighteenth and Nineteenth Centuries.** 3:3:0 per semester.
A study of the outstanding works of the Age of Enlightenment and of the Romantic, Realist, and Naturalist Schools of French literature.
- 40. French Literature of the Twentieth Century.** 3:3:0 per semester.
A study of modern French literature with extensive reading of the works of the outstanding authors.
- 45. Seminar.** 1-3 hours credit per semester.
This seminar is designed to supplement and integrate the student's knowledge, to stimulate individual study and research, and to prepare him for future work in his field. The course content varies according to the needs of the group involved. For those students who are planning to teach, the seminar will provide instruction in teaching methods.

GERMAN

Major: Twenty-four hours above the elementary level.

- 1. Elementary German.** 3:3:0 per semester.
A beginning course in German; audio-active technique.
- 10. Intermediate German.** 3:3:0 per semester.
A continuation of German 1 with practice in conversation, dictation, reading and writing. Emphasis is given to the cultural and historical background of the literature that is read.
Prerequisite: German 1 or two years of secondary school German.
- 11. Scientific German.** 3:3:0 per semester.
Practice in reading scientific and technical German with emphasis on vocabulary and the special difficulties inherent in this type of writing. General readings followed by readings in the student's major field.
- 22. The Classical Period.** 3:3:0 per semester.
Background of the Classical Period; detailed study of the period; readings from the works of Lessing, Goethe and Schiller.
- 32. German Literature of the Nineteenth Century.** 3:3:0 per semester.
Romanticism; Realism.
- 42. German Literature of the Twentieth Century.** 3:3:0 per semester.
A study of contemporary German literature with extensive reading of the works of the outstanding authors.
- 45. Seminar.** 1-3 credits per semester.
This seminar is designed to supplement and integrate the student's knowledge, to stimulate individual study and research, and to prepare him for future work in his field. The course content varies according to the needs of the group involved. For those students who are planning to teach, the seminar will provide instruction in teaching methods.

GREEK

- 1. Elementary Greek.** 3:3:0 per semester. Offered 1969-1970.
An intensive course in the basic elements of ancient Greek. A study of forms and syntax, with easy prose composition.
- 10a—10b. Intermediate Greek.** 3:3:0 per semester. Offered 1970-1971.
First semester: readings from the New Testament Gospels.
Second semester: readings from Xenophon's *Anabasis*. A review of grammar throughout the year.
Prerequisite: Greek 1.
- 20. Readings from the Book of Acts.** 3:3:0. First semester. Offered 1969-1970.
Prerequisite: Greek 10a—10b.
- 21. Readings in Hellenistic Greek.** 3:3:0. Second semester. Offered 1969-1970.
Selections from the *Septuagint*, the Greek church fathers.
Prerequisite: Greek 10a—10b.
- 30. Readings from the Epistles of Paul.** 3:3:0. First semester. Offered 1970-1971.
Prerequisite: Greek 10a—10b.
- 31. Readings from the Greek Philosophers.** 3:3:0. Second semester. Offered 1970-1971.
Prerequisite: Greek 10a—10b.

LATIN

(given upon sufficient demand)

Major: Twenty-four hours above the elementary level.

- 1. Elementary Latin.** 3:3:0 per semester.
A beginning course in Latin. Study of forms and syntax, with easy prose composition. Selected readings.
- 10. Intermediate Latin.** 3:3:0 per semester.
Review of forms and syntax. Reading of selections from Cicero's Essays.
Prerequisite: Latin 1, or two years of secondary school Latin.
- 20. Lyric Poetry and Drama.** 3:3:0 per semester.
Selected readings from Horace, Catullus, Plautus and Terence.
Prerequisite: Latin 10.
- 30. Letters and Satire.** 3:3:0 per semester.
Selected readings from Cicero, Pliny, Horace and Juvenal.
Prerequisite: Latin 10.
- 40. History and Philosophy.** 3:3:0 per semester.
Selected readings from Livy, Tacitus, and Lucretius.
Prerequisite: Latin 10.

RUSSIAN

- 1. Elementary Russian.** 3:3:0 per semester.
An elementary course with oral-aural approach.
- 10. Intermediate Russian.** 3:3:0 per semester.
An intermediate course in Russian with continued conversational practice; reading and writing.
Prerequisite: Russian 1 or two years of secondary school Russian.

SPANISH

Major: Twenty-four hours above the elementary level.

- 1. Elementary Spanish.** 3:3:0 per semester.
A beginning course in Spanish; audio-active technique.
- 10. Intermediate Spanish.** 3:3:0 per semester.
A continuation of Spanish 1 with further practice in conversation, dictation, and in reading and writing. Attention is given to Spanish literature in its cultural and historical context.
Prerequisite: Spanish 1 or two years of secondary school Spanish.
- 22. Spanish Literature of the Sixteenth and Seventeenth Centuries.** 3:3:0 per semester.
Reading of outstanding authors of the sixteenth and seventeenth centuries, with emphasis upon Cervantes, Lope de Vega, and Calderon. Composition and conversation.
- 32. Spanish Literature from the Eighteenth to the Twentieth Centuries.** 3:3:0 per semester.
Extensive reading, composition and conversation.
- 42. A Survey of Spanish and Latin American Literature.** 3:3:0 per semester.
First semester: a survey of Spanish literature from the Middle Ages to the present. Intensive reading, composition, and conversation.
Second semester: a survey of Latin American literature from the sixteenth century to the present. Intensive reading, composition, and conversation.
- 45. Seminar.** 1-3 hours credits per semester.
This seminar is designed to supplement and integrate the student's knowledge, to stimulate individual study and research, and to prepare him for future work in his field. The course content varies according to the needs of the group involved. For those students who are planning to teach, the seminar will provide instruction in teaching methods.

GEOGRAPHY

Mr. Shuey

- 10a—10b. World Geography.** 3:3:0 per semester.
A basic course in geography to develop a knowledge and an appreciation of the worldwide physical factors in man's environment and of his adjustment to them. The course includes a study of the motions of the earth, land forms, bodies of water, soil, climate, vegetation, with special emphasis on man's political, economic, and social responses to them. Knowledge of the location of both the physical and cultural aspects of man's habitat is related to contemporary events.

GEOLOGY

Professor Light

- 20a—20b. Structural and Historical Geology.** 2:2:0 per semester.
The first semester, structural geology, acquaints the student with the forces and dynamic agencies by which the earth has been formed and has evolved into its present condition.
The second semester, historical geology, deals with the probable location of land and sea areas of each of the various geologic periods, and the development of the plants and animals which lived during periods as identified by their fossil remains.

GERMAN

See Foreign Languages, page 79.

GREEK

See Foreign Languages, page 80.



HEALTH AND PHYSICAL EDUCATION

Assistant Professors W. D. McHenry, J. R. McHenry and Petrofes; Instructors Garman and Rogerson

The aims of this department are (1) to encourage attitudes and habits of good total health; (2) to develop the student's physical capacities; (3) to provide activities which will enrich his leisure throughout life.

In addition to the family physician's report, it is strongly recommended that all entering students also undergo a thorough visual examination.

All students must pass skill and knowledge tests in team and individual sports before the physical education requirement is completed. All students must pass swimming requirements.

Students are required to wear the regulation gymnasium outfit, which may be purchased at the college bookstore.

Health, Hygiene, and Physical Education (Men) (Women)

0:2:0 per semester.

10. Health and hygiene include instruction in biological needs, personal cleanliness and grooming, health conservation, effects of narcotics and alcohol.

10.-20. (Men) The physical education activities include: touch football, basketball, softball, volleyball, archery, badminton, golf, handball, squash, wrestling, tennis, speedball, swimming.

10.-20. (Women) The physical education activities include: soccer, lacrosse, softball, swimming, golf, archery, volleyball, badminton, table tennis, tennis, gymnastics, calisthenics, field hockey, squash, and basketball.

Health, Hygiene, and Corrective and Adaptive Physical Education (Men) (Women)

0:2:0 per semester.

11.-21. Special activities, as prescribed by a physician, for students with physical handicaps or deficiencies.

Not open to students qualified for Health, Hygiene, and Physical Education 10.-20.



HISTORY AND POLITICAL SCIENCE

Professor Shay; Associate Professors Fehr and Geffen; Instructors Joyce, Feather, Gates and Reed

The aim in the teaching of history is to acquaint the student with human behavior in the dimension of past time, in the belief that by thus extending the range of his knowledge he may also enlarge the scope of his sympathies and become more richly human.

The aim in the teaching of political science is to acquaint the student with the many-sided aspects of government, in the belief that by thus enlarging the extent of his knowledge he may expand the scope of his understanding and adopt a critical and objective attitude toward the problems of modern society.

The department also prepares students for graduate and law schools and for careers in teaching, government, and business.

HISTORY

Major: History 13, 43; three one-semester courses from among History 14, 21, 22, 31, 32; three one-semester courses from among History 30a–30b, 40a–40b; one one-semester course from among History 46, 47, 48; one additional one-semester course as approved by the departmental chairman.

INDEPENDENT STUDY

Students majoring in history may participate in the Independent Study program when they fulfill the following requirements: (1) demonstrate in their academic work the caliber of scholarship required to undertake an extensive research project; (2) achieve a 3.3 grade point average in departmental courses and a 2.5 grade point average in all college courses; and (3) apply for and receive permission for such participation from the departmental staff and the Dean of the College no later than the end of the first semester of the junior year.

During his participation in the program, the student must (1) submit to the departmental chairman periodic progress reports; (2) show progress at a rate and at a level indicating that he will complete the program on time and at the desired level of achievement; and (3) maintain a 3.3 grade point average in departmental courses and a 2.5 grade point average in all college courses.

The participant must (1) obtain departmental approval of a research topic; (2) prepare an essay on the subject selected for research under the guidance of a member of the departmental staff; (3) complete the writing of the essay by April 1 of the senior year; (4) defend the essay in a manner to be determined by the departmental staff and the Dean of the College; (5) pursue a program of independent reading approved by the departmental staff; (6) demonstrate, by means of a written and/or oral examination, knowledge and understanding of the material studied in the independent reading program; and (7) present to the departmental chairman an assessment of his experience in the program. Upon fulfilling these requirements, the student will be recommended by the departmental staff to the Dean of the College for graduation with departmental honors.

13. Introduction to Historiography. 3:3:0. First semester.
Theory and practice in the writing of history. The work of selected historians is studied and each student conducts and reports upon his own research. Training is given in research methods and in the preparation of research reports.

14. Ancient and Medieval Society. 3:3:0. Second semester.
An introduction to the classical civilization of the Mediterranean basin and the first European civilization. The emphasis is upon the social and intellectual elements as Christianity fuses with Greek and Roman culture.

17a—17b. History of Western Civilization. 3:3:0 per semester.
A survey concerned with the political, social, economic, and intellectual development of western culture. The interpretations of the major historians are emphasized.

21. The Origins of Modern Europe, 1300-1600. 3:3:0. First semester.
A study of the transition period out of which the modern state and the modern social, economic, and intellectual framework developed. Emphasis is upon the Renaissance and the Reformation.

22. The Old Regime, 1600-1815. 3:3:0. Second semester.
A study in the stabilization of Europe and the elements present challenging this stability.

23. Political and Social History of the United States and Pennsylvania. 3:3:0. Either semester.
A survey of American history from the earliest settlements to the present time. Emphasis is placed upon the development of Pennsylvania as colony and Commonwealth.

30a—30b. American Colonial and National History to 1865. 3:3:0 per semester. Offered 1970-1971.
The first semester is devoted to American history from the European origins to 1800, with special attention to the development of Pennsylvania.

The second semester deals with basic aspects of the development of popular democracy in the United States from the Jeffersonian period through the Civil War, with stress on Pennsylvania's participation.

31. Europe from 1815 to 1914. 3:3:0. First semester. Offered 1970-1971.
Nineteenth century Europe from the Congress of Vienna to the outbreak of World War I. Emphasis is placed on diplomatic relations, revolutionary and liberal movements, the new colonialism, and the social changes of the latter part of the nineteenth century.

32. Europe from 1914 to the Present. 3:3:0. Second semester. Offered 1970-1971.
World Wars I and II, emphasizing the causes of the world conflicts, the efforts to maintain peace, the rise of dictatorships, the tensions in international relations, and other aspects of the post-war periods.

40a—40b. The United States, 1865 to the Present. 3:3:0 per semester. Offered 1969-1970.

The first semester deals with the post-Civil War developments of American history from 1865 to 1900. Special reference will be made to Pennsylvania.

The second semester is concerned with the United States in the twentieth century, with special consideration of Pennsylvania's role.

43. Senior Seminar in History. 3:3:0. Second semester.

A review of the student's college program in history, with reading, discussion and writing assignments to serve the following ends: (1) synthesis of previous course work in history; (2) relation of the academic discipline of history to other fields of knowledge; and (3) formulation and expression of a personal philosophy of history by each student.

46. History of Russia. 3:3:0. First semester. Offered 1969-1970.

A survey of Russian history from ancient times to the present, with special attention to developments since the seventeenth century.

47. History of the Far East. 3:3:0. Second semester. Offered 1969-1970.

Social, political, economic, and cultural institutions of the Far East. Emphasis is placed upon the trends since 1500.

48. History of Latin America. 3:3:0. Second semester. Offered 1970-1971.

A survey of the Latin American republics from their colonial beginnings to the present time. Political, social, economic, and intellectual phases of their development are considered.

49. Select Problems in History. 3:3:0. First semester. 3:3:0 per semester for independent study participants, with a maximum of nine hours credit.

A course to provide the student with an opportunity to explore in depth a topic of special interest. Required of majors enrolled in the Independent Study program in history. Open to other history majors by permission of the instructor and the departmental chairman.

POLITICAL SCIENCE

Major: Political Science 10a—10b, 20, 21, 30, 31, 40, 41, 43, and three additional hours as approved by the departmental chairman. Majors are also required to take three one-semester courses from among History 30a—30b, 40a—40b.

INDEPENDENT STUDY

Students majoring in political science may participate in the Independent Study program when they fulfill the following requirements: (1) demonstrate in their academic work the caliber of scholarship required to undertake an extensive research project; (2) achieve a 3.0 grade point average in departmental courses and a 2.5 grade point average in all college courses; and (3) apply for and receive permission for such participation from the departmental staff and the Dean of the College no later than the end of the sophomore year.

During his participation in the program, the student must (1) submit to the departmental chairman periodic progress reports; (2) show progress at a rate and at a level indicating that he will complete the program on time and at the desired level of achievement, and (3) maintain a 3.0 grade point average in departmental courses and a 2.5 grade point average in all college courses.

The participant must (1) use the junior year for preliminary work involving selected readings and gathering of source material for a research topic; (2) obtain departmental approval of a research topic; (3) prepare an essay on the subject selected for research under the guidance of a member of the departmental staff; (4) complete the writing

of the essay by April 1 of the senior year; (5) defend the essay in a manner to be determined by the departmental staff and the Dean of the College; (6) pursue a program of independent reading approved by the departmental staff; (7) demonstrate, by means of a written and/or oral examination, knowledge and understanding of the material studied in the independent reading program; and (8) present to the departmental chairman an assessment of his experience in the program. Upon fulfilling these requirements, the student will be recommended by the departmental staff to the Dean of the College for graduation with departmental honors.

10a—10b. American Government and Politics.

3:3:0 per semester.

A study of the structure, functions, and processes of American national government. Subject areas include the nature of democracy, constitutional backgrounds, federalism and its problems, civil rights, voting behavior, political parties, pressure groups, campaigns and elections, the main branches of national government, the expanding role of government, and foreign relations. Attention is given to contemporary problems facing American government.

20. Comparative Government.

3:3:0. First semester. Offered 1969-1970.

A comparative study of important governmental systems of the world, both democratic and authoritarian. Comparison and contrasts are made between unitary and federal forms. Special study is made of the governmental system in force in the Soviet Union.

Political Science 10a—10b is a prerequisite, or a corequisite.

21. Foreign Relations.

3:3:0. Second semester. Offered 1969-1970.

A survey of the external relations of American government, with emphasis on twentieth century developments. Subject areas include diplomacy, military affairs, geographic and regional problems, trade and aid, technology and underdevelopment, alliances, nuclear problems, and opposing ideologies. Consideration is given to recruitment, training, and problems of the United States foreign service and to the multiple influences shaping American foreign policies.

Political Science 10a—10b is a prerequisite, or a corequisite.

22. State and County Government.

3:3:0. First semester. Offered 1970-1971.

This course deals with the structure and functions of state and county government. Emphasis is placed on federal-state-local relationships, on administrative organization and services, on the courts, and on legislative representation.

Political Science 10a—10b is a prerequisite, or a corequisite.

23. City Government.

3:3:0. First semester. Offered 1969-1970.

This course deals with the rise of urbanization and the accompanying growth of municipal functions. Attention is paid to metropolitan areas, to the legal process and status of cities, to municipal relations with state and national government, to urban politics, and to the various forms of city government.

Political Science 10a—10b is a prerequisite, or a corequisite.

30. Political Parties in the United States.

3:3:0. First semester. Offered 1970-1971.

A study of the origins and history of American political parties, their development, organization, leaders, conventions, platforms, and campaigns. Emphasis is given to recent changes in American political patterns.

31. American Constitutional Government.

3:3:0. Second semester. Offered 1970-1971.

A study of the growth and development of the Constitution through the medium of judicial construction. Recent decisions illustrating its application to new conditions of the present age, and proposals for court modification are given particular attention.

Political Science 10a—10b is a prerequisite, or a corequisite.

33. Public Opinion.

3:3:0. Second semester. Offered 1970-1971.

An analysis of the nature and sources of contemporary public opinion, with special attention to types of censorship and to modern propaganda devices.

40. Political Theory.

3:3:0. Second semester. Offered 1969-1970.

A survey of the different philosophies and theories of government, ancient and modern, with special reference to political philosophy since the sixteenth century.

41. International Politics.

3:3:0. First semester. Offered 1969-1970.

A course in the origin, forms, dynamics and prospects of the international political pattern, with emphasis on current developments and changing concepts in world politics.

Political Science 10a—10b is a prerequisite, or a corequisite.

43. Senior Seminar in Political Science.

3:3:0. Second semester.

An intensive review of the student's college program in political science, with reading, discussion, and written assignments to accomplish the following purposes: (1) integration of earlier course work in political science; (2) relation of the discipline to other fields of knowledge; and (3) development and expression of an individual political philosophy by the student.

LANGUAGES

See Foreign Languages, page 78.

LATIN

See Foreign Languages, page 80.





MATHEMATICS

Professor Bissinger; Assistant Professors Burras, Henning and Stare; Instructors Lewin and Light

The aims of the Department of Mathematics are: (1) to make available mathematical theory and technique needed by students in applied sciences and industry; (2) to prepare students interested in mathematics for graduate schools as well as for secondary school teaching; (3) to provide the cultural advantages of a knowledge of mathematics.

Major: Math 11, 21, 25, 31 plus at least three semester hours from each of the following divisions:

- I Analysis—Math 40; Math 46.
- II Algebra and Topology—Math 48; Math 49.
- III Statistics—Math 12*; Math 37; Math 41.

INDEPENDENT STUDY

Students may participate in the departmental Independent Study Program if they have demonstrated high scholastic ability and have received permission for such participation from the Departmental Chairman and the Dean of the College no later than the end of the first semester of the junior year.

A student may receive upon graduation departmental honors if he has maintained a 3.0 grade point average in mathematics and has satisfactorily completed the Independent Study Program.

PLAN OF STUDY IN STATISTICS

Mathematics 37, 41 form the basis for a concentration in statistics. A statistical and computing laboratory equipped with Brunsviga desk calculating machines is available to students doing computational work in connection with this program of study. Additional training with IBM electrical punched card equipment can be arranged with local industry and nearby military installations.

* The requirement in Statistics can be satisfied with Math 12 only if an additional three semester hours are taken from one of the other two divisions.

PLAN OF STUDY IN MATHEMATICAL PHYSICS

Students interested in mathematical physics may elect to major in either the Department of Physics or the Department of Mathematics and follow a plan of study in mathematical physics worked out by a suitable adviser to whom they will be referred. Ordinarily the program will include Mathematics 31, 37, 40, and 46.

PLAN OF STUDY IN ACTUARIAL SCIENCE

The program as outlined on pages 30-31 is endorsed by the Philadelphia Section of the Society of Actuaries who sponsor it on this campus. The actuarial examinations, parts 1, 2 and 3, are also given on this campus which is a testing center. Interested students should consult with the Departmental Chairman.

PLAN OF STUDY IN ENGINEERING

The cooperative pre-engineering program is described on page 38. Ordinarily the program will include Mathematics 11, 12, 21, 40, and 46.

COURSES

1. Introductory Analysis. 3:3:0. First semester.

This is a pre-calculus course which includes topics from college algebra and analytical trigonometry. This course is recommended for students who lack the necessary background for calculus.

10. Basic Concepts of Mathematics. 3:3:0. Either semester.

The foundational aspects of mathematics at work in the world today are stressed for cultural as well as some technical competence. This course is addressed to the non-science student and presents the scientific and humanistic importance of the subject in an historical approach Klein, *Mathematics for Liberal Arts*.

11. Elementary Analysis I & II. 3:3:0 per semester.

The fundamental ideas of analytic geometry and calculus are introduced with applications. A thorough background in trigonometry and algebra is necessary. Thomas, *Calculus and Analytic Geometry*.

12. Elementary Statistics. 3:2:2. Either semester.

Included in this course are descriptive statistics, an introduction to probability concepts, simple problems of statistical inference, and elementary treatment of analysis of pairs of measurements. Hoel, *Elementary Statistics*.

21. Intermediate Analysis I & II. 3:3:0 per semester.

This is a continuation of Mathematics 11 with an introduction to partial differentiation, multiple integration, infinite series, differential equations, and linear algebra. Thomas, *Calculus and Analytic Geometry*.

Prerequisite: Mathematics 11.

25. Development of the Real Number System. 3:3:0. First semester.

An introduction to logic, set theory, and a rigorous development of the number system.

31. Advanced Analysis I & II. 3:3:0 per semester.

Rigorous existence proofs of functional concepts of continuity, differentiation, integration, and series are given. Use is made of transformation theory by Jacobians. Buck, *Advanced Calculus*.

Prerequisite: Mathematics 21 and 25.

- 33. Geometry.** 3:3:0. Second semester. 1969-1970.
Foundations of geometry, historical background, and an introduction to non-Euclidean geometry. This course is designed primarily for teachers. Moise, *Elementary Geometry from an Advanced Standpoint*.
- 37. Mathematical Statistics.** 3:3:0 per semester.
Calculus is used to develop basic statistical tools and notions. Generating functions, frequency distributions of one, two, or more variables, and various tests are considered. Hoel, *Introduction to Mathematical Statistics*.
- 40. Methods of Applied Mathematics.** 3:3:0 per semester. Offered 1969-1970.
Use is made of matrices and determinants, the concept of linear vector spaces and characteristic values. Formulation and solution of certain partial differential equations are accompanied by a treatment of integral equations, difference equations, and Green's function.
- 40.1 Mathematics Seminar.** 1:1:0. Either semester.
Logic, computer language, finite differences are among those topics which could be selected as a basis for a one-semester seminar. Special problems given on a recent competitive examination are presented and discussed in a seminar for upper classmen.
- 40.1 (T). Mathematics Seminar.** 1:1:0. Second semester.
A senior seminar designed for mathematics teachers is required of those students who wish to become certified to teach mathematics.
- 41. Probability.** 3:3:0. Second semester. Offered 1970-1971.
This course constitutes a rigorous examination of the notions of sample space, random variables, distributions in time and space, and certain unifying limit theorems. Time permitting, it may include Markoff chain theory and related topics. Feller, *Introduction to Probability Theory with Applications*, Vol. 1.
Prerequisite: Mathematics 37.
- 46. Functions of a Complex Variable.** 3:3:0. Second semester. Offered 1970-1971.
An introductory course that includes analytic functions, Cauchy's integral theorem, residue theory, contour integrals, and conformal mapping. Churchill, *Complex Variables and Applications*.
Prerequisite: Mathematics 21.
- 48. Algebra.** 3:3:0 per semester. Offered 1970-1971.
Topics such as group theory, rings, ideals, field extensions, and Galois theory will be studied. Herstein, *Topics in Algebra*.
Prerequisite: Mathematics 25.
- 49. Topology.** 3:3:0. Second semester. Offered 1969-1970.
The elements of point-set theory are introduced with topological considerations to appreciate generalization. Moore, *Elementary General Topology*.
Prerequisites: Mathematics 25 and 31.
- Independent Study in Mathematics.** 3:3:0 per semester. (Maximum of 3 semesters.)
After receiving permission for participation, the student will prepare a paper on a selected subject for research which is approved by the department. This paper should be completed by the end of the first semester of the senior year, and must be defended in a manner determined by the departmental staff.



MUSIC

Associate Professor Smith; Professors Bender and Carmean; Associate Professors Fairlamb, Getz, Lanese, Stachow and Thurmond; Assistant Professor Curfman; Instructors Burrichter, Campbell, Jamanis, Lau, Veri and Zimmerman; Mr. Aulenbach

The aims of the Department of Music are to train artists and teachers; to teach music historically and aesthetically as an element of liberal culture; and to offer courses that give a thorough and practical understanding of theoretical subjects.

Attendance at all faculty recitals and a portion of student recitals is compulsory.

All majors in Music or Music Education are required to take private instruction on the campus if the Department offers instruction in the individual's principal performance medium.

Participation in music organizations may be required of all majors.

For cost of private lessons see page 23.

MUSIC

(B.A. with a major in Music)

This program is designed for those students desiring a liberal arts context in their preparation for a career in applied music.

SPECIAL REQUIREMENTS

All majors are required to take an hour lesson per week in the major performance area and are expected to perform a half or full recital in the junior year and a full recital in the senior year.

All majors outside of the keyboard area are required to take a 1/2 hour lesson per week in piano until the minimum requirements have been met.

For the recommended plan of study in this program see pages 40-41.

MUSIC EDUCATION

(B.S. with a major in Music Education)

This program has been approved by the Pennsylvania State Council of Education and the National Association of Schools of Music for the preparation of teachers of public school music.

The Music Education curriculum requires two private one-half hour lessons per week (one each in the major and a minor performance area), one of which is included in the tuition charge. A charge is made for the second private lesson.

For the recommended plan of study in this program see pages 42-43.

INDEPENDENT STUDY

1. A candidate must have achieved a minimum grade point average of 3.00 at the end of the sophomore year, and must maintain this minimum to remain eligible for Honors status.
2. The private instructor in the candidate's major performance area must recommend the student for full recital privileges during the senior year, and will serve as adviser to the individual's Independent Study program.
3. The candidate through reading and research will produce a thesis or an essay, based on a problem or subject of his own choosing under the direct supervision of his faculty adviser. Creative work will be encouraged with reference to, or emphasis upon, his principal performance medium.
4. Honors recognition shall be dependent upon the quality of the prepared thesis or essay and the level of the candidate's recital performance, both to be reviewed by a committee of three, including the private instructor (adviser), the chairman of the department, and a third music faculty member to be designated by the chairman with the approval of the adviser.
5. In addition to any established pattern of announcing honors candidates and recipients, the printed recital program shall also indicate "in partial fulfillment of requirements for Honors in Music."
6. A maximum of 8 hours credit can be earned in Independent Study.
7. Upon the completion of the above requirements at a satisfactory level, the student will be recommended by the reviewing committee to the Dean of the College for graduation with departmental honors.

I: THEORY OF MUSIC

Sight Singing

Music 10. Sight Singing I.

1:2:0. First semester.

A beginning course in music reading with the use of syllables, incorporating the elements of melody and rhythm within the beat and its division. The following are studied: basic beat patterns, simple and compound time, diatonic intervals, implied harmonic structure within the melodic line, the C clefs, modulation.

Music 11. Sight Singing II.

1:2:0. Second semester.

A continuation of music reading, employing more difficult melodies and rhythms, the beat and its subdivision, and additional interval problems. Phrasing and the application of dynamics are stressed.

Music 20. Sight Singing III.

1:2:0. First semester.

Exercises in four clefs, employing vocal literature of increasing difficulty, both tonal and rhythmic. Modal melodies, remote modulation, superimposed background and meter, changing and less common time signatures are stressed.

Dictation (Ear Training)

Music 12. Ear Training I.

1:2:0. First semester.

Includes the study of the basics of music notation essential for the writing of melodic and rhythmic dictation. Aural analysis and tonal memory are developed. Essentials of tonality are

covered, and harmonic dictation is begun in the latter half of the course. Correlated with Sight Singing and Harmony.

Music 13. Ear Training II.

1:2:0. Second semester.

Increasing complexity and length of melodic and rhythmic dictation with emphasis upon the development of harmonic dictation. Inversions of triads, seventh and ninth chords are included. Modality is introduced together with strict species counterpoint in two and three voices.

Music 22. Ear Training III.

1:2:0. First semester.

A study of more difficult tonal problems including modulation, chromaticism, and altered chords.

Harmony

Music 14. Harmony I.

2:3:0. First semester.

A study of the rudiments of music including notation, scales, intervals, and triads; the connection of triads by harmonizing melodies and basses with fundamental triads; playing of simple cadences at the piano; analysis of phrases and periods.

Music 15. Harmony II.

2:3:0. Second semester.

A study of inversions of triads, seventh and ninth chords, harmonizations of melodies and figured basses; analysis and composition of the smaller forms; modulation.

Music 24. Harmony III.

2:2:0. First semester.

The use of dominant and diminished sevenths as embellishments of and substitutes for diatonic harmony; harmonization of melodies and figured basses; analysis of two and three-part song forms; composition in two-part song form. Playing of more advanced cadences and modulations at the piano.

Music 29. Harmony IV (Elementary Composition)* on special announcement. 2:2:0. First semester.

Melody analysis and writing; four part choral writing; continuation of two and three-part song-form analysis and composition. Composition in Theme and Variations, Fantasia, Rondo and Dance forms. Study of contemporary harmonic ideas.

Music 39. Keyboard Harmony.

2:2:0. Second semester.

Work at the piano includes the harmonization of melodies both with four-part harmony and with various accompaniment forms; also transposition, improvisation, modulation, reading from figured bass, and from score.

Additional Theory Courses

Music 21. Orchestration and Scoring for the Band.

2:2:0. Second semester.

Study of instrumentation, devices, techniques, and mechanics of scoring transcriptions, arrangements and solos for orchestra and concert band; special work in scoring for marching band. Laboratory analysis and demonstration of various instrumental colors and combinations. Emphasis is placed on creative scoring.

Music 31. Form and Analysis I.

2:2:0. First semester.

A study of the structure of music including hymns, folk songs, two, three and five-part song forms, variations, contrapuntal forms, rondo and sonata forms. Compositions in these forms are studied primarily for their structural content. Course includes extensive listening.

Music 36. Form and Analysis II* on special announcement.

2:2:0. Second semester.

A study through analysis and listening of fugal forms, suite, overture, complete sonata forms (evolution of the symphony), string quartet, the tone poem. Analysis of classical and contemporary works in these forms.

* B.A. Program in Music.

Music 40.1. Counterpoint.

2:2:0. Second semester.

Introductory work in strict counterpoint through three and four-part work in all the species.

Music 40.2. Arranging and Scoring for the Modern Orchestra.

2:2:0. Either semester.

Study of modern harmony, modulation, style analysis, special instrumental effects as applied to modern arranging. Laboratory analysis and demonstration of sectional and ensemble voicings.

Music 40.3. Composition, Schillinger System.

Private teaching.

A scientific system of music composition created by the late Joseph Schillinger, teacher of such accomplished professionals as George Gershwin, Ted Royal Dewar.

The major aims of the system are to: (1) generalize underlying principles regarding the behavior of tonal phenomena; (2) classify all the available resources of our tonal system; (3) teach a comprehensive application of scientific method to all components of the tonal art, to problems of melody, rhythm, harmony, counterpoint, orchestration and to composition itself.

The system is best studied in the light of a traditional background and admission to course or private instruction is by special permission only.

II. METHODS AND MATERIALS

Music Ed. 23. Methods and Materials, Vocal: Kindergarten through Third Grade.

2:2:0. Second semester.

A comprehensive study of music teaching at the lower elementary level, including the treatment of uncertain singers; acquaintance with appropriate music education materials; methods of presenting music with the purpose of developing conceptual understanding of the elements of music; use of classroom instruments; beginnings of directed music appreciation; foundation studies for later technical developments. Comparative study of recognized Basic Series of books.

Music Ed. 33A. Methods and Materials, Vocal: Fourth, Fifth and Sixth Grades.

2:2:0. First semester.

A study of the child's singing voice in the intermediate grades; attention is given to the formal or technical work of these grades with an evaluation of appropriate texts and recent approaches. Preparation of lesson plans, and observation are required. Music appreciation is continued.

Music Ed. 33B. Methods and Materials, Instrumental: Fourth, Fifth and Sixth Grades.

1:1:0. First semester.

A study of methods and materials used in teaching band and orchestral instruments to children in these grades, with emphasis on a sound rhythmic approach. Both individual and class techniques are studied. Musical rudiments as applied to instrumental teaching are reviewed.

Music Ed. 34A. Methods and Materials, Vocal: Junior and Senior High School.

2:2:0. Second semester.

A study of adolescent tendencies of high school students. Class content of materials is studied with attention to the organization and presentation of a varied program. Recent trends in teaching are studied.

Music Ed. 34B. Methods and Materials, Instrumental: Junior and Senior High School.

1:1:0. Second semester.

A study of intermediate and advanced instrumental teaching techniques; methods of organizing and directing school orchestras and bands; fundamentals of musicianship.

Music Ed. 43. Seminar in Advanced Instrumental Problems.

2:2:0. Second semester.

A study of the general and specific problems which confront the director of school orchestras, bands, and instrumental classes. Problems of general interest include: organization and management, stimulating and maintaining interest; selecting beginners; scheduling rehearsals and class lessons; financing and purchasing instruments, uniforms, and other equipment; march-

ing band formations and drills; evaluating music materials; organizing festivals, contests, and public performances.

Music Ed. 44. Methods in Piano Pedagogy.

2:2:0. First semester.

A study of methods of teaching piano to children and adults. The course includes the song approach method, presentation of the fundamental principles of rhythm, sight reading, tone quality, form, technique, pedaling, transposition and the harmonization of simple melodies. Materials are examined and discussed.

III. STUDENT TEACHING

Music Ed. 40a—40b. Student Teaching.

4 hours credit per semester.

Student teaching in Music Education, done in the Annville-Cleona Schools, the Derry Township Public Schools, and the Milton Hershey School, includes vocal and instrumental work from elementary to senior high school.

IV. INSTRUMENTAL COURSES

Class Instruction in Band and Orchestral Instruments.

Practical courses in which students, in addition to being taught the fundamental principles underlying the playing of all band and orchestral instruments, learn to play on instruments of each group, viz., string, woodwind, brass, and percussion. Problems of class procedure in public schools are discussed; transposition of all instruments is taught. Ensemble playing is an integral part of these courses.

Brass Instruments (Cornet, Trumpet, French Horn, Trombone, Baritone, Tuba)

Music 16. Brass I.

1:2:0. First semester.

A study of any two of the above instruments.

Music 17. Brass II.

1:2:0. Second semester.

A study of the remainder of the above instruments.

Percussion Instruments (Snare Drum, Tympany, Bass Drum, etc.)

Music 18. Percussion I.

½:1:0. Second semester.

A study of snare drum only.

Music 48. Percussion II.

½:1:0. Second semester.

A study of the remainder of the above listed instruments.

Woodwind Instruments (Clarinet, Flute, Piccolo, Oboe, Saxophone, Bassoon)

Music 25. Woodwind I.

1:2:0. First semester.

A study of the clarinet.

Music 26. Woodwind II.

1:2:0. Second semester.

A study of the remainder of the above listed instruments.

String Instruments (Violin, Viola, 'Cello, String Bass)

Music 37. String I.

1:2:0. First semester.

A study of all of the above listed instruments.

Music 38. String II.

1:2:0. Second semester.

A continuation of the study of all of the above listed instruments.

Instrumental Seminar. $\frac{1}{2}$:1:0 or 1:2:0. First or second semester

Application of specific techniques to problems of class instruction.

Music 41.1—41.2. Brass

Prerequisite: Music 17.

Music 41.3—41.4. Percussion

Prerequisite: Music 4B.

Music 41.5—41.6. String

Prerequisite: Music 3B.

Music 41.7—41.8. Woodwind

Prerequisite: Music 26.

V. MUSIC ORGANIZATIONS

Opportunities for individual performance in a group experience are provided by music organizations. Membership in the organizations is open on an audition basis to all students of the College.

Music 101a—101b. Symphonic Band.

0:2:0. First semester. 0:3:0. Second semester

The Blue and White Marching Band of L.V.C. is noted for its half-time performances during the football season. The Symphonic Band of ninety pieces plays several concerts during the year both on and off campus. The finest original music for band is performed, as well as arrangements of the standard repertoire. Membership in the band is dependent upon the ability of the applicant and the instrumentation of the band. Students from all departments of the college are invited to audition.

Music 102a—102b. All-Girl Band.

0:1:0 per semester

L.V.C. is unique in having one of the few all-girl bands in the nation. All girls in the college with ability as instrumentalists are welcome to audition. Membership depends upon proficiency and the needs of the band regarding instrumentation.

Music 103a—103b. Symphony Orchestra.

0:3:0. First semester. 0:2:0. Second semester

The Symphony Orchestra is an organization of symphonic proportions maintaining a high standard of performance. A professional interpretation of a wide range of standard orchestral literature is insisted upon.

Music 104a—104b. Concert Choir.

0:3:0 per semester

The Concert Choir is composed of approximately forty voices, selected by audition. All phases of choral literature are studied intensively. In addition to on-campus programs and appearances in neighboring communities, the Concert Choir makes an annual tour.

Music 105a—105b. College Chorus.

0:1:0 per semester

The Chorus provides an opportunity to study and participate in the presentation of choral literature of major composers from all periods of music history. It is open to all students who are interested in this type of musical performance and who have had some experience in singing.

Music 106a—106b. Beginning Ensemble.

0:1:0 per semester

A training band and orchestra in which students play secondary instruments and become acquainted with elementary band and orchestral literature. Opportunity is given for advanced conducting students to gain experience in conducting.

Music 113a—113b. Chapel Choir.

0:1:0 per semester

The Chapel Choir is composed of approximately forty voices, selected by audition. The main function of this choir is to provide musical leadership in the weekly chapel services. In addition seasonal services of choral music are prepared.

Instrumental Small Ensembles.

0:1:0 per semester

Open to the advanced player on an audition basis.

Music 107a—107b. String Quartet.

Music 108a—108b. String Trio.

Music 109a—109b. Clarinet Choir.

Music 110a—110b. Woodwind Quintet.

Music 111a—111b. Brass Ensemble.

Music 112a—112b. Percussion Ensemble.

VI. THE HISTORY AND APPRECIATION OF MUSIC

Music 19. History and Appreciation of Music.

3:3:0. Either semester.

A course for the non-music major designed to increase the individual's musical perceptiveness. Through selective, intensive listening, the student develops concepts of musical materials and techniques. The vocabulary thus gained is utilized in a survey of western music from the Middle Ages to the present.

Music 30a—30b. History of Music.

3:3:0 per semester.

A survey course of the entire history of western music. Emphasis is placed on the various stylistic developments which have occurred from one era to another, on the composers who have been responsible for these developments, and the music written during these various eras illustrating these stylistic trends. For this purpose, extensive use of recordings is made a part of the course. The first semester includes the development of music up to the Baroque era, the second semester from the Baroque to the present.

Music 32. Music Literature.

2:2:0. First semester.

A study of music literature for elementary, secondary, and adult levels. Interpretation of, response to, and appreciation of music with attention directed to musical elements. Emphasis is placed on instrumental literature.

Music 41. Music Literature Seminar (on special announcement).

3:3:0.

A study of music literature in depth, according to styles, form and techniques of the various musical periods. Designed especially for the B.A. candidate in Music with application of accumulated knowledge in theory, music history, and musical form. Emphasis is upon orchestral literature.

VII. CONDUCTING

Music 35. Conducting I.

2:2:0. Second semester.

Principles of conducting and the technique of the baton are presented. Each student conducts vocal and instrumental ensembles made up of the class personnel.

Music 45. Conducting II.

2:2:0. First semester.

A continuation of Conducting I with emphasis on practical work with small vocal and instrumental groups. Rehearsal techniques are discussed and applied through individual experience.

VIII. INDIVIDUAL INSTRUCTION

Music 131-132. Voice, Piano, Organ, Orchestral and Band Instruments.

1:½:0 per semester.

The work in the foregoing fields is organized from the standpoint of the development and musicianship in the individual student. The work continues through eight semesters and assures a well-rounded and many-sided acquaintance with various musical techniques.

Music 141-142. Voice, Piano, Organ, Orchestral and Band Instruments.

2:1:0 per semester.

(Private study in major performance; for B.A. Music Majors only)

A charge is made for the second half-hour of instruction.

IX. PREPARATORY COURSES

The Department of Music sponsors preparatory courses adapted to children of elementary or high school age. Both adults and children are admitted at any stage of advancement.

Instruction, either private or in class, is offered in piano, voice, and all instruments of the band and orchestra. A desirable number for class instruction is from four to six students.

THE STUDENT RECITALS

The student recitals are of inestimable value to all students in acquainting them with a wide range of the best musical literature, in developing musical taste and discrimination, in affording experience in appearing before an audience, and in gaining self-reliance as well as nerve control and stage demeanor.

Students at all levels of performance appear in these student recitals.

PIPE ORGANS

The Department of Music contains four Möller organs for private instruction and individual practice: one 4-manual, one 3-manual, two 2-manual instruments, and a 3-manual 62-rank Schantz organ in the College Chapel, installed in 1968.





PHILOSOPHY

Professor Ehrhart; Instructor Thompson

The objective of the Department of Philosophy is to provide students with an opportunity to study the philosophical heritage of the Western World and to become acquainted with the major problems which leading philosophers have raised and attempted to resolve.

Major: A total of twenty-four hours is required of the philosophy major. Besides the courses listed below, Greek 31 (Readings from Greek Philosophers) and Political Science 40 (Political Theory) may be taken to satisfy the requirement.

INDEPENDENT STUDY

Students wishing to participate in the Independent Study program in the department may do so by fulfilling the following requirements: (1) achieve high academic standing in departmental courses; (2) submit a paper in connection with a course beyond the first year courses; (3) apply and receive approval for participation in Independent Study from the departmental chairman and the Dean of the College by the end of the first semester of the junior year; (4) prepare an essay of 10,000 words or more under the direction of a member of the department to be submitted by April 1 of the senior year; (5) defend the essay before a faculty committee selected by the departmental chairman and the Dean of the College.

On the basis of his performance in the essay and oral examination, the departmental chairman and the Dean of the College will determine whether or not the candidate is to receive departmental honors.

10. Introduction to Philosophy.

3:3:0. First semester.

An introduction to some of the main problems of philosophy and to the ways in which leading philosophers have dealt with them.

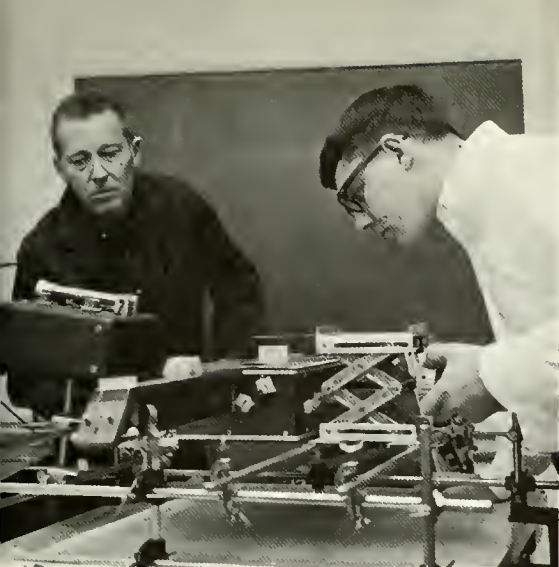
11. Introduction to Logic.

3:3:0. Second semester.

An introduction to the rules of clear and effective thinking. Attention is given to the logic of meaning, the logic of valid inference, and the logic of factual inquiry. Main emphasis is laid upon deductive logic, and students are introduced to the elements of symbolic logic as well as to traditional modes of analysis.

- 23. Ancient and Medieval Philosophy.** 3:3:0. First semester. Offered 1970-1971.
This course traces the evolution of Western philosophical thought from its origins in the speculations of the Pre-Socratic nature-philosophers to the systematic elaborations of the schoolmen of the late Middle Ages.
Prerequisite: Philosophy 10.
- 24. Modern Philosophy.** 3:3:0. Second semester. Offered 1970-1971.
This course follows the development of philosophical thought in the leading thinkers from the Renaissance to the beginning of the Nineteenth Century.
Prerequisites: Philosophy 10 and 23.
- 30. Ethics.** 3:3:0. First semester. Offered 1970-1971.
An inquiry into the central problems of ethics, with an examination of the responses of major ethical theories to those problems.
- 31. Philosophy of Religion.** 3:3:0. Second semester.
A study of the issues raised for philosophy by contemporary religious and theological thought. A critical examination of such problems as faith and reason; the meaning of revelation, symbolism, and language; the arguments for the existence of God; faith and history; religion and culture.
Prerequisite: Philosophy 10.
- 35. Recent and Contemporary Philosophy.** 3:3:0. First semester. Offered 1969-1970.
An examination of the philosophies of foremost thinkers from the German idealists to the present time.
Prerequisites: Philosophy 10, 11, 23 and 24.
- 41. Aesthetics.** 3:3:0. Second semester. Offered 1969-1970.
A study of the nature and basis of criticism of works of art.
Prerequisites: Philosophy 10, Art 12 or Music 19.
- 42. Seminar.** 2:2:0. Second semester.
Discussion of selected problems of philosophy.
Open only to upperclassmen who are departmental majors.





PHYSICS

Professors Rhodes and Grimm; Assistant Professor O'Donnell; Instructor McCrory

The Department of Physics attempts to develop in the student an increased understanding of the basic laws of nature as they relate to our physical environment, and to indicate the possible extent, as well as the limitations, of our knowledge of the physical world.

The introductory course, Physics 10, is intended for students who wish to take only one course in Physics. The sequence of courses beginning with Physics 17 provides suitable training for students who anticipate additional work in the physical sciences and who are preparing for graduate school, for secondary school teaching, and for research and development work in governmental and industrial laboratories. Laboratory work is designed to acquaint the student with the experimental techniques and the measuring instruments appropriate to the various areas of investigation, and to give experience in the interpretation and communication of the experimental results.

Mathematics is an essential tool in the study of Physics. The introductory course, Physics 10, requires a knowledge of high school algebra and trigonometry, but students who plan to take other courses in Physics should take the appropriate prerequisite mathematics courses as soon as possible.

Major: Physics 17, 27, 32, 37 or 38, and 40.

INDEPENDENT STUDY

Juniors and seniors who have demonstrated high academic ability may, with the permission of the departmental chairman and the Dean of the College, participate in the Independent Study program in Physics. Application for admission to the program should be made before the end of the junior year. Upon the satisfactory completion of an approved experimental or theoretical research project and the formal presentation of a research paper before an examining committee, the student will be recommended to the Dean of the College for graduation with departmental honors.

10. General College Physics.

4:3:3 per semester.

An introduction to the fundamental concepts and laws of the various branches of physics, including mechanics, heat, sound, electricity, magnetism, optics, and atomic and nuclear structure.

- 17. Principles of Physics I.** 4:3:3 per semester.
A comprehensive introductory course designed for students who desire a more rigorous mathematical approach to college physics than is given in Physics 10. Calculus is used throughout. The first semester is devoted to mechanics, and the second semester to heat, wave motion, and optics. This course should be followed by Physics 27.
Prerequisite or corequisite: Mathematics 11.
- 27. Principles of Physics II.** 4:3:3 per semester.
A continuation of Physics 17, devoted in the first semester to the study of electricity and magnetism and in the second semester to the study of modern physics, including the foundation of atomic physics, the quantum theory of radiation, the atomic nucleus, radioactivity, and nuclear reactions.
Prerequisite: Physics 17.
- 32. Electricity and Magnetism.** 3:3:0 per semester.
The basic definition of electric and magnetic quantities, a study of the electric and magnetic properties of matter, the laws of electric and magnetic fields, the development of Maxwell's equations, and electromagnetic waves.
Prerequisites: Physics 27 and Mathematics 21.
- 37. Experimental Physics I.** 1:0:3 per semester.
Experimental work in the areas of mechanics, electricity, and optics, with emphasis on experimental design, measuring techniques, and analysis of data.
Prerequisite: Physics 27.
- 38. Experimental Physics II.** 1:0:3 per semester.
Experimental work in the areas of high vacuum, electronics, atomic physics, and nuclear physics, with emphasis on experimental design, measuring techniques, and analysis of data.
Prerequisite: Physics 27.
- 40. Analytical Mechanics.** 3:3:0 per semester.
A rigorous study of the principles of mechanics as applied to the motion of particles, systems of particles, and rigid bodies, under the action of conservative and dissipative forces, using the methods of Newton, Lagrange, and Hamilton.
Prerequisites: Physics 27 and Mathematics 21.
- 41. Modern Physics.** 3:3:0 per semester.
A rigorous study of modern physics, beginning with the development of quantum mechanics via the Schrodinger equation, including perturbation and collision theory. The latter portion of the course is directed toward the application of quantum mechanics to fundamental processes in atomic and nuclear physics.
Prerequisites: Physics 32 and 40.
- 48. Physics Seminar.** 2:2:0 per semester.
A study at the senior level of special topics in physics, to be selected each year from the following: thermodynamics, statistical mechanics, physical optics, electronics, nuclear physics, and solid state physics. The seminar is open to students from any department with approval of the departmental chairman.



PSYCHOLOGY

Professor Love; Assistant Professor Mather; Instructors Knarr and Quirus

In keeping with the objectives of the liberal arts, church-related college, the courses offered in the Department of Psychology are designed: (1) to develop in the student an understanding and appreciation of the biological and environmental bases of human behavior and of the role of that behavior in adjustment; (2) to foster healthy adjustment through the objective application of psychological principles to problems related to personal, vocational, and moral growth; and (3) to furnish a theoretical, scientific, and practical acquaintance with principles, methods, and techniques basic to graduate study and employment in psychology and beneficial in the many occupations in which psychology is applied.

Major: Completion of either of the following programs will constitute a major in Psychology.

(A) Psychology 20 (A or B), 25a or 25b, 45a, 45b, and twenty-one hours of electives in Psychology. With approval, a maximum of six hours of electives in Psychology may be credited from the following: Biology 22, 32; Education 30, 41, 42; Philosophy 11; Sociology 21, 30, 31, 33; Mathematics 12.

(B) Psychology 20 (A or B), 25a, 25b, 35a, 35b, 43, 45a, 45b, and nine hours of electives in Psychology; completion of independent research. With approval, six hours of electives may be credited from the following: Biology 22, 32; Mathematics 12; other graduate school recommendations.

INDEPENDENT STUDY

Independent Study in psychology is planned to permit the capable student to increase the depth of his understanding in areas of special interest and the general scope of his knowledge of psychology.

In order to participate in Independent Study a psychology major is required to: (1) maintain an over-all grade-point average of 2.5, (2) maintain a grade-point average of 3.0 in psychology courses, (3) show consistently high intellectual interest and initiative, (4) receive the approval of the departmental staff and the Dean of the College.

The student admitted to Independent Study will participate in Psychology 45 for a maximum of 9 hours. The hours will be distributed over the junior and senior years with a minimum of one and a maximum of four hours to be taken in one semester.

The core of the program will consist in the investigation of a principal problem over the two years period, beginning with the study of the literature and culminating in the design and execution of a direct study project. Results of this project will be reported and defended during the second semester of the senior year. The student may elect, for additional credit in Psychology 45, to study problems or to carry out projects and experiments relating to courses in which he is regularly enrolled.

Graduation with Honors in Psychology will depend on the quality of performance in the specified activities, on the maintenance of the grade-point averages specified for admission to the program, on the results of the Graduate Record Examination, and on the final approval of the departmental staff and the Dean of the College.

20. General Psychology.

A. (Lecture).

3:3:0. Either semester.

B. (Laboratory).

3 hours credit. First semester.

A study of principles of psychology and of psychological method.

Prerequisite B: Permission of staff.

21. Psychology of Childhood.

3:3:0. First semester.

A study of the psychological development of the child from the beginning of life to adolescence.

Prerequisite: Psychology 20.

23. Educational Psychology.

3:3:0. Either semester.

A study of the learner and of the learning process.

Required for elementary and secondary certification.

Prerequisite: Psychology 20.

25a—25b. General Experimental Psychology.

3 hours credit per semester.

Introduction to experimental methods through the study of major areas of psychology. The first semester is concerned with learning and motivation. Second semester is concerned with sensation and perception.

Prerequisite: Psychology 20.

31. Psychology of Adolescence.

3:3:0. Second semester.

A study of the psychological development in the adolescent period.

Prerequisite: Psychology 20.

32. Psychology of Abnormal Behavior.

3 hours credit. First semester.

An introduction to the behavior disorders.

Prerequisite: Psychology 20.

33. Social Psychology.

3 hours credit. Second semester.

A study of the social and cultural determinants of behavior.

Prerequisite: Psychology 20; junior or senior standing or permission of staff.

35a—35b. Research Design and Statistical Analysis.

2 hours credit per semester.

A study of principles of research design and statistical analysis; planning and execution of direct studies.

Prerequisites: Psychology 20 and 25.

41. Introduction to Clinical Psychology.

3 hours credit. Second semester.

An introduction to current methods of diagnosis and psychotherapy of behavior problems, and to the applications of psychology in clinical situations.

Prerequisites: Psychology 20 and 32, senior standing or permission of the staff.

43. Personality.

A study of the major contemporary theories of personality.
Prerequisite: Psychology 20.

3:3:0. First semester.

44. Physiological Psychology.

A study of the physiological determinants of behavior.
Prerequisite: Psychology 20.

3 hours credit. First semester.

45a—45b. Seminar.

A study of schools and systems in psychology; independent study and research.

2 hours credit per semester.

Prerequisites: A major in psychology and senior standing; or permission of the staff.





RELIGION

Professor Wethington; Assistant Professors Bemserderfer, Cantrell, Schlueter and Troutman

The aim of this department is to provide opportunity for the study of the meaning of man's religious experience.

The department seeks to orient the student to a Christian world view, providing an understanding of the Scriptures and the heritage of the Christian church as a means to this end, as well as the enhancing of Christian living as a dynamic experience.

Professionally, basic courses are offered to students preparing for the Christian ministry, the world mission field, the teaching of religion, and other church vocations.

Major: A total of twenty-four semester hours is required, including Religion 44 and 45. A total of six hours of New Testament or Hellenistic Greek (Greek 21) as well as Philosophy of Religion (Philosophy 31) may be counted toward a Religion major.

INDEPENDENT STUDY

Students wishing to participate in the Independent Study program in the department may do so by fulfilling the following requirements: (1) achieve high academic standing in departmental courses; (2) submit a paper in connection with a course beyond the first year courses; (3) apply and receive approval for participation in Independent Study from the departmental chairman and the Dean of the College by the end of the first semester of the junior year; (4) prepare an essay of 10,000 words or more under the direction of a member of the department to be submitted by April 1 of the senior year; (5) defend the essay before a faculty committee selected by the departmental chairman and the Dean of the College.

On the basis of his performance in the essay, and oral examination, the departmental chairman and the Dean of the College will determine whether or not the candidate is to receive departmental honors.

12. Introduction to Biblical Thought.*

3:3:0. First semester.

An examination of some of the basic themes of Biblical religion in relation to their historical context and their contemporary implications.

* Religion 12 and 13 are prerequisites or corequisites for all courses in Religion, except Religion 22 and Religion 42.

- 13. Introduction to the Christian Faith.*** 3:3:0. Second semester.
A systematic inquiry into the areas of religious language, religious knowledge, and the doctrines of God, man, Christ, and the Church.
- 20. The Prophets.** 3:3:0. First semester. Offered 1969-1970.
A study of the lives and writings of the Old Testament prophets, and an analysis of their contributions to Hebrew-Christian religious thought.
- 22. Religion in America.** 3:3:0. Second semester.
A study of contemporary Judaism, Roman Catholicism, and Protestantism in the United States, including a brief historical background of each. Some attention is given to the various religious sects and cults.
No prerequisites.
- 30. Life and Epistles of Paul.** 3:3:0. Second semester. Offered 1969-1970.
A study of the life, writings, and theological thought of Paul and their relationship to the practices, problems, and beliefs of the early church.
- 32. Life and Teachings of Jesus.** 3:3:0. First semester. Offered 1970-1971.
An intensive study of the life and message of Jesus as set forth in the Gospels.
- 33. Christian Ethics.** 3:3:0. Second semester.
A systematic analysis of the implications of the Christian faith both for personal moral decision, and for social policy in such areas as government and political life, work and the economic order.
- 40. Introduction to Christian Nurture.** 3:3:0. Second semester. Offered 1969-1970.
An investigation of some of the principles and problems of religious education as they are related to higher education, the public school, the church school, and the home.
- 42. World Religions.** 3:3:0. First semester.
An examination of the rise and development of religion along with a study of the ideas, and cultic and ethical practices of the great world faiths.
No prerequisites.
- 44. Seminar in Classical Religious Thinkers.** 3:3:0. First semester. Offered 1970-1971.
An intensive study of the thought of such classical religious thinkers as Augustine, Aquinas, Luther, and others.
Required of majors and strongly recommended for all pre-theological students; others by permission of the chairman of the department.
- 45. Seminar in Contemporary Religious Problems.** 3:3:0. Second semester. Offered 1970-1971.
A study of selected problems arising from the theological efforts of men like Barth, Tillich, and Niebuhr, and within contemporary religious movements like neo-orthodoxy, existentialism and humanism. Research methodology is stressed.
Required of majors and strongly recommended for all pre-theological students; others by permission of the chairman of the department.

RUSSIAN

See Foreign Languages, page 80.



SOCIOLOGY

Professor Shay; Instructors Kaebnick, Groskin and Short

The courses in the Department of Sociology have been designed: (1) to develop the student's understanding of the social structure and the social relationships in and through which man functions; (2) to provide preliminary training for those who are planning to enter the field of social, religious, and community work; and (3) to furnish basic background knowledge for the pursuance of graduate work in Sociology.

Major: Sociology 20, 21, 30, 31, 33, 40, 43, and 45.

INDEPENDENT STUDY

The departmental Independent Study program is designed to provide stimulation for capable students to undertake and carry through academic work of high quality. Independent Study is planned as an integral part of the student's major program rather than viewed as work superimposed upon it, and is set in the framework of a major area of concentration.

1. The student should apply for admission to the Independent Study program at the beginning of the second semester of the sophomore year. This would enable him to undertake preliminary work for one year before being admitted to full status in the program at the beginning of the second semester of the junior year.
2. To enter the Independent Study program a student must have a high general standing in the College and the approval of the departmental chairman and the Dean of the College no later than the end of the first semester of the junior year. An average grade of 3.0 in all courses in the student's major area of concentration is required as is an average of 3.0 while he is pursuing his work as a candidate for departmental honors. The student must, in addition, fulfill any other specific requirements of the department.
3. The student in Independent Study will prepare an essay of ten thousand words or more under the direction of the departmental chairman to be submitted by the end of the first semester of his senior year. It shall be defended in a manner approved by the departmental chairman and the Dean of the College.
4. The Independent Study of each student shall be tested by a special oral examination. On the basis of his performance in the essay, Graduate Record Examination, and oral examination, the departmental chairman and the Dean of the College will determine whether or not the candidate is to receive departmental honors.

20. Introductory Sociology. 3:3:0. First semester.

The study of social life and human values expressed in group activities and their interrelationships. This course acquaints the students with primary concepts in the field of Sociology. Particular attention is given to: contributions from cultural anthropology and social psychology; social stratification; racial and ethnic groups, the modern community; basic human institutions; major social forces.

21. Modern Social Problems. 3:3:0. Second semester.

An application of sociological principles to problems such as: poverty, delinquency, crime; family discord; industrial, race, and nationality conflicts; mental disorders.

22. Marriage and the Family. 2:2:0. Second semester.

The American family studied in cross-cultural perspective. Special emphasis is placed upon functions of the family as institution and matrix of personality. The influence of the American value system is examined.

30. Criminology. 3:3:0. First semester. Offered 1970-1971.

An analysis of the interplay of forces which result in criminal behavior. Case histories are used to illustrate the individual and social forces in criminal careers. Emphasis is given to organized crime as a social phenomenon in American life, the administration of American criminal justice, developments in penology and treatment of offenders, and programs of crime prevention. Changing aspects of juvenile delinquency are explored.

31. Introduction to Social Work. 3:3:0 per semester. Offered 1970-1971.

A pre-professional course dealing with the nature and requirements of the fields of social work. Observation of the work of private and public agencies in this field is required.

Prerequisites: Sociology 20 and 21.

33. Social Institutions. 3:3:0. First semester. Offered 1969-1970.

Analysis of the structure and function of major social institution, such as religion, mass culture and mass media. Attention is directed to the impact of institutional expectations upon the individual.

40. Population. 2:2:0. First semester. Offered 1969-1970.

A study of the size, growth, composition, and distribution of the peoples of the earth. Emphasis is placed on problems occasioned by urban development.

Prerequisite: Sociology 20.

43. Development of Sociological Theory. 3:3:0. Second semester. Offered 1969-1970.

A critical appraisal of the works of some American and European sociologists. Particular emphasis is given to the similarities and differences in basic assumptions and conclusions of leading writers since 1900.

Prerequisites: Sociology 20 and 21.

45. Senior Seminar. 2:2:0 per semester.

Emphasis upon coordination of previous course work and understanding of the basic contributions of Sociology in relation to other behavioral sciences. Significant reading, critical discussion, and written analysis, with these aims in view. Adapted to the individual needs of students.

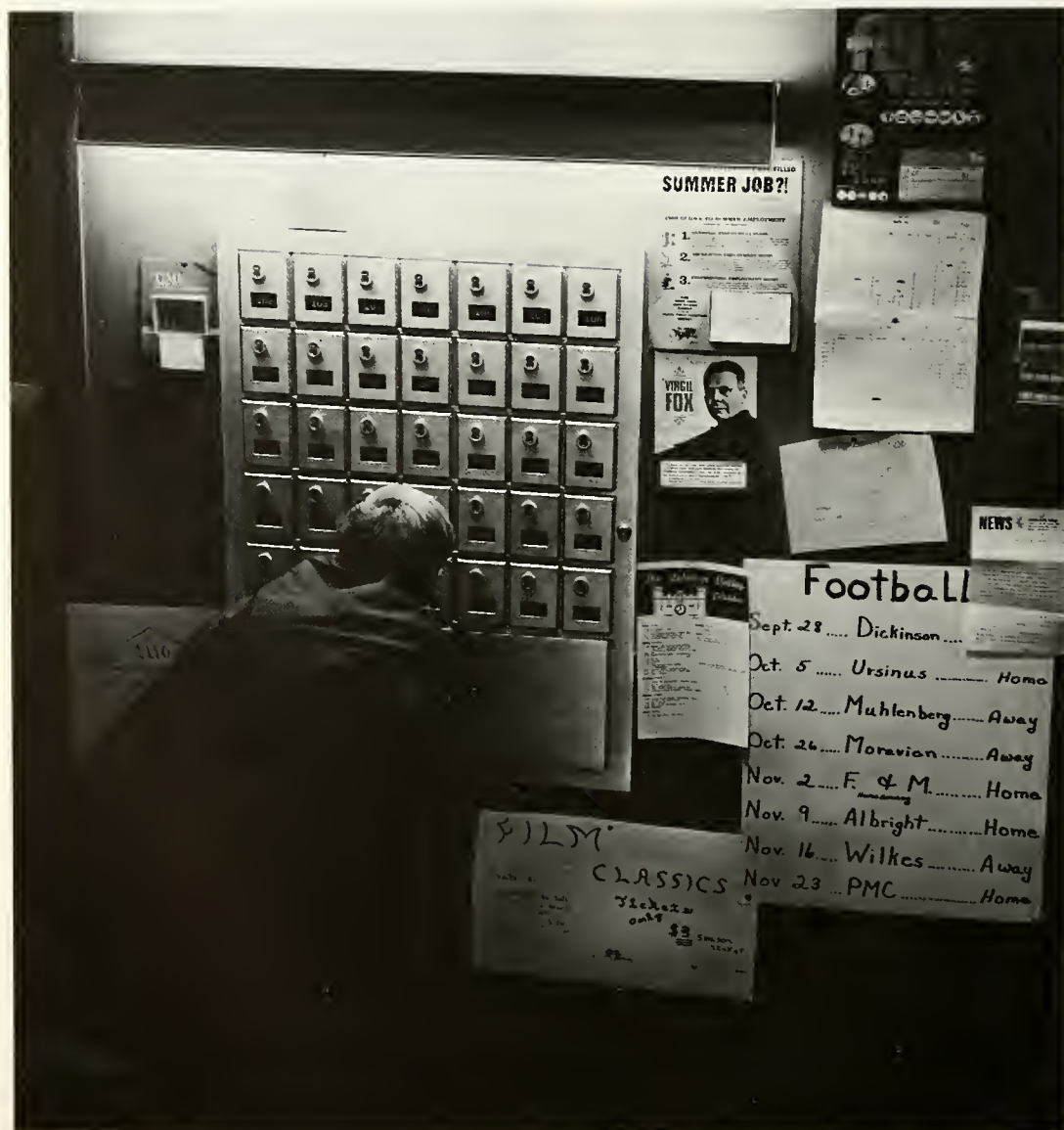
To supplement course work, direct experience in a social work practicum for students who have an expressed interest in the social work field. Cooperating social agencies include: the Lebanon County Board of Assistance; Family and Children's Service, Lebanon; and the Veterans Administration, R.D. 1, Lebanon. Participation by permission of the appropriate departmental chairman.

Senior Sociology majors or with permission of the departmental chairman.

SPANISH

See Foreign Languages, page 81.

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Harrisburg, Pennsylvania

ALLAN W. MUND (1969)

LL.D.

Retired Chairman, Board of Directors
Ellicott Machine Corporation
Baltimore, Maryland

RAYMOND M. OBERHOLTZER (1971)

B.C.S.

Retired — United States Government
Washington, D. C.

ROBERT H. REESE (1969)

Retired President

H. B. Reese Candy Company, Inc.
Hershey, Pennsylvania

Retired Director

Hershey Foods Corporation
Hershey, Pennsylvania

HORACE E. SMITH (1971)

LL.B.

Attorney at Law
Red Lion, Pennsylvania

WOODROW W. WALTEMYER (1969)

SAMUEL K. WENGERT (1969)

B.S.

President — Wengert's Dairy
Lebanon, Pennsylvania

E. D. WILLIAMS, JR. (1969)

JOHN L. WORRILOW (1969)

B.A.

Secretary — Lebanon Steel Foundry
Lebanon, Pennsylvania

RICHARD P. ZIMMERMAN (1969)

Chairman of the Board

National Valley Bank and Trust Company
Chambersburg, Pennsylvania

Trustees Emeritus

WILLIAM J. FISHER

LL.D.

Retired President

A. B. Farquhar Company
York, Pennsylvania

Retired Vice President

The Oliver Corporation
Chicago, Illinois

E. N. FUNKHOUSER

A.B., LL.D.

Retired President

Funkhouser Corporation

Hagerstown, Maryland

Member, Board of Directors

Ruberoid Corporation

Baltimore, Maryland

ALBERT WATSON

LL.D.

Retired President

Bowman and Company

Carlisle, Pennsylvania

E. D. WILLIAMS, SR.

A.B., LL.D.

Retired Executive

Members of the faculty who are chairman of departments are *ex officio* members of the Board of Trustees.

STANDING COMMITTEES

Executive Committee:

Frederick P. Sample, Chairman; Paul E. Horn, Vice Chairman; Mark J. Hostetter, Secretary; Paul C. Ehrhart; DeWitt M. Essick; Calvin B. Haverstock, Jr.; G. Edgar Hertzler; Lester M. Kauffman; Robert W. Lutz; Allan W. Mund; Warren F. Mentzer; Lawton W. Shroyer; Samuel K. Wengert.

Finance Committee:

Richard P. Zimmerman (1971), Chairman; Allan W. Mund, Vice Chairman; E. D. Williams, Jr. (1971), Secretary; Samuel K. Wengert (1969), Treasurer; Raymond M. Oberholtzer (1971); Horace E. Smith (1971); William D. Bryson (1970); Malcolm Meyer (1970); Melvin S. Rife (1970); Ralph M. Ritter (1970); John F. Matsko (1969); Robert H. Reese (1969); Frederick P. Sample; Lawton W. Shroyer (1969); Woodrow W. Waltemyer (1969).

Faculty Administrative Committee:

Jefferson C. Barnhart, Chairman; DeWitt M. Essick; Paul E. Horn, Vice Chairman and Secretary; James H. Leathem; John F. Matsko; Warren F. Mentzer; Allan W. Mund; Melvin S. Rife; Frederick P. Sample.

Auditing Committee:

William D. Bryson, Chairman; Woodrow S. Dellinger; Walter C. Eshenaur.

Buildings & Grounds Committee:

Melvin S. Rife, Chairman; Walter C. Eshenaur; Gladys B. Holman; Gordon S. Kunkel; Frederick P. Sample; Samuel K. Wengert; E. D. Williams, Jr.

Public Relations Committee:

Gerald D. Kauffman, Chairman; Calvin B. Haverstock, Jr.; Gladys B. Holman; Clair C. Kreidler; Thomas S. May; Harold S. Peiffer; Harold H. Quickel.

Nominating Committee:

Allan W. Mund, Chairman; DeWitt M. Essick; Lester M. Kauffman; Melvin S. Rife; Daniel L. Shearer; John L. Worrilow.

SPECIAL COMMITTEES OF THE BOARD

Committee on Church Support:

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stock, Jr.; G. Edgar Hertzler; Paul E. Horn; Gerald D. Kauffman; Warren F. Mentzer; Melvin S. Rife; Lawton W. Shroyer; Arthur W. Stambach; Samuel K. Wengert

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Samuel C. Boyer; William D. Bryson; Woodrow S. Dellinger; William J. Fisher; E. N. Funkhouser; Kathryn M. Grove; Gladys B. Holman; Paul E. Horn; Hermann W. Kaebnick; Thomas S. May; Warren F. Mentzer; Melvin S. Rife; Lawton W. Shroyer; Paul E. Stambach; Samuel K. Wengert; E. D. Williams, Sr.; E. D. Williams, Jr.; John L. Worrilow; Richard P. Zimmerman. Ex Officio — Allan W. Mund.

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Melvin S. Rife, Chairman; DeWitt M. Essick, Co-Chairman; Barnard H. Bissinger; William D. Bryson; Martha C. Faust; James H. Leathem; Jean O. Love; George R. Marquette; Earl R. Mezoff; Howard A. Neidig; Jacob L. Rhodes; Robert C. Riley; Lawton W. Shroyer; Robert W. Smith; Samuel K. Wengert; E. D. Williams, Jr.; Glenn H. Woods.

Committee for Self Evaluation:

Richard P. Zimmerman, Chairman; Jefferson C. Barnhart; Carl Y. Ehrhart; G. Edgar Hertzler; James H. Leathem; Earl R. Mezoff; Melvin S. Rife; Robert C. Riley.

Committee for Chapel Policy and Program:

Gerald D. Kauffman, Chairman; Pierce A. Getz; Thomas W. Guinivan; Calvin B. Haverstock, Jr.; George R. Marquette; L. Elbert Wethington. Ex Officio — Allan W. Mund; Frederick P. Sample; Carl Y. Ehrhart; James O. Bemdeserfer.

Committee on By-Laws:

Jefferson C. Barnhart, Chairman; William D. Bryson; Paul E. Horn; James H. Leathem; Warren F. Mentzer; Howard A. Neidig; Richard P. Zimmerman. Ex Officio — Allan W. Mund.



ADMINISTRATIVE STAFF AND FACULTY 1968-1969

OFFICES OF ADMINISTRATION

OFFICE OF THE PRESIDENT:

FREDERICK P. SAMPLE, 1968—;
President.
B.A., Lebanon Valley College, 1952; M.Ed.,
Western Maryland University, 1956; D.Ed.,
The Pennsylvania State University, 1968;
Pd.D., Albright College, 1968.
MRS. ELSIE M. MOYER, *Secretary.*

Office of the Assistant to the President

EARL R. MEZOFF, 1963—;
*Assistant to the President, 1963—,
Vice President, 1967—.*
A.B. Thiel College, 1947; M.A., Michigan
State University, 1948; D.Ed., The Pennsyl-
vania State University, 1965.
MRS. MARIANNA W. MILLER, *Secretary.*

ACADEMIC:

Office of the Dean of the College

CARL Y. EHRHART, 1947—;
*Dean of the College, 1960—;
Vice President, 1967—.*
A.B., Lebanon Valley College, 1940; B.D.,
United Theological Seminary, 1943; Ph.D.,
Yale University, 1954.

RALPH S. SHAY, 1948—51; Feb. 1953—;
*Assistant Dean of the College, 1967—;
Director of Auxiliary Schools, 1967—.*
A.B., Lebanon Valley College, 1942; A.M.,
University of Pennsylvania, 1947; Ph.D.,
1962.
MISS GLADYS M. FENCIL, 1921—;
Staff Assistant, 1965—.
A.B., Lebanon Valley College, 1921.
MISS JEANETTE E. BENDER, *Secretary.*

Office of Admissions

D. CLARK CARMEAN, 1933—;
Director of Admissions, 1949—.
A.B., Ohio Wesleyan University, 1926; M.A.,
Columbia University, 1932.
GREGORY G. STANSON, 1966—;
*Assistant to the Director of Admissions,
1968—.*
B.A., Lebanon Valley College, 1963; M.Ed.,
University of Toledo, 1966.
DIANE K. BOTT, 1968—.
Counselor in Admissions.
B.A., Lebanon Valley College, 1968.
MRS. S. ESTHER LINGLE, *Secretary.*
MRS. CHRISTINA C. GANGEMI, *Secretary.*

Office of the Registrar

RALPH S. SHAY, 1948—1951; Feb. 1953—;

Acting Registrar, 1967—.

A.B., Lebanon Valley College, 1942; A.M., University of Pennsylvania, 1947; Ph.D., 1962.

MRS. RHETA M. KREIDER, *Secretary*.

MRS. MARION G. LOY, *Secretary*.

MRS. MARTA MILLER, *Secretary*.

Faculty

GEORGE G. STRUBLE, 1931—;

Secretary of the Faculty, 1933—.

B.S. in Ed., University of Kansas, 1922; M.S. in Ed., 1925; Ph.D., University of Wisconsin, 1931.

Library

DONALD E. FIELDS, 1947—;

Librarian, 1956—.

A.B., Lebanon Valley College, 1924; M.A., Princeton University, 1928; Ph.D., University of Chicago, 1935; A.B. in Library Science, University of Michigan, 1947.

MRS. FRANCES T. FIELDS, 1947—;

Cataloging Librarian.

A.B., Lebanon Valley College, 1929; A.B. in Library Science, University of Michigan, 1947; M.A., *Universidad de San Carlos de Guatemala*, 1960.

MRS. ALICE S. DIEHL, 1966—;

Assistant in Cataloging and Reference.

A.B., Smith College, 1956; B.S., Carnegie Institute of Technology, 1957; M.L.S., University of Pittsburgh, 1966.

MRS. ELOISE P. BROWN, 1961—;

Cataloging Assistant.

B.S. in Library Science, Simmons College, 1946.

MISS BARBARA A. DENGLE, *Secretary*.

MRS. FERNE M. STECKMAN, *Secretary*.

Chapel

MRS. HELEN C. GINGRICH, *Secretary*.

Engle Hall

MRS. MONICA A. KLICK, *Secretary*.

Lynch Memorial Building

MRS. MARGARITA S. HASSON, *Secretary*.

Science Hall

MRS. BERNICE K. LILES, *Secretary*. (Grants)

MISS GEORGETTE M. PITT, *Secretary*.

South Hall

MRS. MARY E. HITZ, *Secretary*.

112 College Avenue

MRS. ELIZABETH C. MICHELSEN, *Secretary*.

STUDENT AFFAIRS:

Student Personnel Office

GEORGE R. MARQUETTE, 1952—;

Dean of Men, 1956—.

A.B., Lebanon Valley College, 1948; M.A., Columbia University, 1951; Ed.D., Temple University, 1967.

MRS. ESTHER A. KLINE, *Secretary*, *Dean of Men*.

MISS MARTHA C. FAUST, 1957—;

Dean of Women.

A.B., Lebanon Valley College, 1937; M. A., Syracuse University, 1950.

MRS. DORIS L. FAKE, *Secretary*, *Dean of Women*.

MRS. ANNAMARIE PARKER, *Head Resident*, Mary Capp Green Hall.

MRS. ETHEL HANIGAN, *Head Resident*, Vickroy Hall.

MRS. MARY E. RHINE, *Hostess*, Carnegie Lounge

Health Service

P. LAURENCE KREIDER, 1966—;

College Physician.

A.B., Dartmouth College, 1953; M.D., Temple University School of Medicine, 1957.

MRS. MARGIE M. YEISER, R.N., 1967—;

Head Nurse.

Harrisburg Polyclinic Hospital School of Nursing.

MISS JONALYN KNAUER, R.N., *Resident Nurse*.

MISS JUDY L. CREEGER, R.N., *Resident Nurse*.

Office of the Chaplain

JAMES O. BEMESDERFER, 1959—;
College Chaplain.
A.B., Lebanon Valley College, 1936; B.D.,
United Theological Seminary, 1939; S.T.M.,
Lutheran Theological Seminary, Phila., 1945;
S.T.D., Temple University, 1951.
MRS. HELEN C. GINGRICH, *Secretary.*

Office of Athletics

WILLIAM D. MCHENRY, 1961—;
Director of Athletics.
B.S., Washington and Lee University, 1954;
M.Ed., University of Pennsylvania, 1960.
MRS. MARGARITA S. HASSON, *Secretary.*

Coaching Staff

MRS. E. ELIZABETH GARMAN, 1964—;
Women's Basketball Coach.
GEORGE N. KOLARAC, 1968—;
Assistant Football Coach.
B.S., University of Maryland, 1957.
GEORGE P. MAYHOFFER, 1955—;
*J.V. Basketball Coach; Track Coach;
Cross Country Coach.*
B.S., Lebanon Valley College, 1950; The
Pennsylvania State University, 1955.
J. ROBERT MCHENRY, 1964—;
Basketball Coach; Lacrosse Co-Coach.
WILLIAM D. MCHENRY, 1961—;
Football Coach; Lacrosse Co-Coach.
GERALD J. PETROFES, 1963—;
*Athletic Trainer; Wrestling Coach; Golf
Coach.*
RONALD A. ROGERSON, 1968—;
*Assistant Football Coach; Assistant Track
Coach; Director of Intramurals.*
KENNETH L. SNYDER, 1966—;
Assistant Football Coach.
B.S., Gettysburg College, 1965.
MRS. JACQUELINE WALTERS, 1965—;
Women's Hockey Coach.

COLLEGE RELATIONS AREA:

Development Office

ROBERT M. WONDERLING, 1967—;
Director of Development.
B.S., Clarion State College, 1953; M.Ed.,
University of Pittsburgh, 1958.

WALTER L. SMITH, 1961—;
*Assistant Director of Development;
Coordinator of Conferences.*
B.S., Lebanon Valley College, 1961; M.S. in
Ed., Temple University, 1967.
MRS. PATRICIA A. BINKLEY, *Secretary.*
MRS. CHERYL M. WUNDERLICH, *Secretary.*

Public Relations Office

RICHARD V. SHOWERS, 1965—;
Director of Public Relations.
A.B., Franklin and Marshall College, 1942.
MRS. ANN K. MONTEITH, 1966—;
Director of Publications.
A.B., Bucknell University, 1965.
MRS. EDNA J. CARMEAN, 1961—;
Staff Assistant.
A.B., Lebanon Valley College, 1959.
MISS BARBARA C. RHINE, *Secretary.*
MRS. CHRISTINE F. BROUGH, *Secretary.*

Alumni Office

DAVID M. LONG, 1966—;
*Director of Alumni Relations and Industrial
Placement.*
A.B., Lebanon Valley College, 1959; M.Ed.,
Temple University, 1961.
MRS. P. RODNEY KREIDER, 1951—;
Assistant Director of Alumni Relations,
1966—.
A.B., Lebanon Valley College, 1922.
MRS. HELEN L. MILLER, *Secretary*

BUSINESS MANAGEMENT:

Office of the Controller

ROBERT C. RILEY, 1951—;
*Controller, 1962—;
Vice President, 1967—.*
B.S. in Ed., State College, Shippensburg,
1941; M.S., Columbia University, 1947;
Ph.D., New York University, 1962.
IRWIN R. SCHAACK, 1957—;
*Assistant Controller, 1964—;
Student Financial Aid Officer, 1967—.*
LARRY H. MILLER, 1964—;
Accountant.
B.S., Lebanon Valley College, 1964.
MRS. CLARA P. MILLER, *Staff Assistant.*
MRS. ALYCE G. KRAUSE, *Secretary.*

MRS. LUCILLE E. HANNIGAN, *Switchboard Operator*.

MRS. BARBARA A. STERNER, *Secretary*.

MRS. MAGDALENE J. TROXEL, *Secretary*.

MRS. DORIS L. HOWER, *Secretary*.

MRS. DOROTHY E. LAFFERTY, *Secretary*.

MRS. ETTA K. UNGER, *Secretary*.

MISS SUSAN J. STEINER, *Secretary*.

ROBERT E. HARNISH, *Manager of the Book Store and Snack Bar*.

B.A., Randolph Macon College, 1966.

MRS. DORIS C. FAKE, *Secretary*.

Buildings and Grounds

RALPH B. SHANAMAN, 1955—;

Superintendent of Buildings and Grounds.

AUSTIN FLOOD, 1963—;

Housekeeping Supervisor.

Food Service

MRS. MARGARET MILLARD, 1951—;

Dietitian.

MRS. DERTHA A. HEILMAN, *Assistant to the Dietitian*.

ROBERT E. HARNISH, *Manager of the Snack Bar*.

FACULTY 1968-1969

FREDERICK P. SAMPLE, 1968—;

President.

B.A., Lebanon Valley College, 1952; M.Ed., Western Maryland University, 1956; D.Ed., The Pennsylvania State University, 1968; Pd.D., Albright College, 1968.

CARL Y. EHRHART, 1947—;

Dean of the College, 1960—;

Vice President, 1967—.

A.B., Lebanon Valley College, 1940; B.D., United Theological Seminary, 1943; Ph.D., Yale University, 1954.

EMERITI:

FREDERIC K. MILLER, 1939—1967;

President Emeritus.

A.B., Lebanon Valley College, 1929; M.A., University of Pennsylvania, 1931; Ph.D., 1948; Litt.D., Muhlenberg College, 1954; D.H.L., Dickinson College, 1967; LL.D., Lebanon Valley College, 1968.

LENA L. LIETZAU, 1930—1952;

Professor Emeritus of German.

Ph.D., University of Vienna, 1928.

V. EARL LIGHT, 1929—1962;

Professor Emeritus of Biology.

A.B., Lebanon Valley College, 1916; M.S., 1926; Ph.D., Johns Hopkins University, 1929.

HELEN ETHEL MYERS, 1921—1956;

Librarian Emeritus.

A.B., Lebanon Valley College, 1907; Library Science, Drexel Institute of Technology.

ALVIN H. M. STONECIPHER, 1932-1958;

Professor Emeritus of Latin Language and Literature; Dean Emeritus.

A.B., Vanderbilt University, 1913; A.M., 1914; Ph.D., 1917; Litt.D., Lebanon Valley College, 1962.

FRANCIS H. WILSON, 1953-1968;

Professor Emeritus of Biology.

B.S., Cornell University, 1923; M.S., 1925;

Ph.D., 1931.

PROFESSORS:

MRS. RUTH ENGLE BENDER, 1918-1922;

1924—; *Adjunct Professor of Music Education*.

A.B., Lebanon Valley College, 1915; Oberlin Conservatory; graduate New England Conservatory.

*BARNARD H. BISSINGER, 1953—;

John Evans Lehman Professor of Mathematics; Chairman of the Department of Mathematics.

A.B., Franklin & Marshall College, 1938; M.A., Syracuse University, 1940; Ph.D., Cornell University, 1943.

D. CLARK CARMEAN, 1933—;

Professor of Music Education;

Director of Admissions.

A.B., Ohio Wesleyan University, 1926; M.A., Columbia University, 1932.

CLOYD H. EBERSOLE, 1953—;

Professor of Education; Chairman of the Department of Education.

A.B., Juniata College, 1933; M.Ed., The Pennsylvania State University, 1941; D.Ed., 1954.

* Sabbatical leave, 1968-69.

CARL Y. EHRHART, 1947—;
Professor of Philosophy; Acting Chairman of the Department of Philosophy; Dean of the College; Vice President.
A.B., Lebanon Valley College, 1940; B.D., United Theological Seminary, 1943; Ph.D., Yale University, 1954.

DONALD E. FIELDS, 1947—;
Librarian; Josephine Bittinger Ebert Professor of Latin Language and Literature.
A.B., Lebanon Valley College, 1924; M.A., Princeton University, 1928; Ph.D., University of Chicago, 1935; A.B. in Library Science, University of Michigan, 1947.

SAMUEL O. GRIMM, 1912—;
Professor of Physics.
B.Pd., State Normal School, Millersville, 1910; A.B., Lebanon Valley College, 1912; A.M., 1918; Sc.D., 1942.

JEAN O. LOVE, 1954—;
Professor of Psychology; Chairman of the Department of Psychology.
A.B., Erskine College, 1941; M.A., Winthrop College, 1942; Ph.D., University of North Carolina, 1953.

HOWARD A. NEIDIG, 1948—;
Professor of Chemistry; Chairman of the Department of Chemistry.
B.S., Lebanon Valley College, 1943; M.S., University of Delaware, 1946; Ph.D., 1948.

SARA ELIZABETH PIEL, Jan., 1960—;
Professor of Languages; Chairman of the Department of Foreign Languages.
A.B., Chatham College, 1928; M.A., University of Pittsburgh, 1929; Ph.D., 1938.

JACOB L. RHODES, 1957—;
Professor of Physics; Chairman of the Department of Physics.
B.S., Lebanon Valley College, 1943; Ph.D., University of Pennsylvania, 1958.

ROBERT C. RILEY, 1951—;
Professor of Economics and Business Administration; Controller; Vice President.
B.S., in Ed., State College, Shippensburg, 1941; M.S., Columbia University, 1947; Ph.D., New York University, 1962.

RALPH S. SHAY, 1948–1951; Feb., 1953—;
Professor of History; Chairman of the Department of History and Political Science;

Acting Chairman of the Department of Sociology; Assistant Dean of the College; Director of Auxiliary Schools; Acting Registrar.

A.B., Lebanon Valley College, 1942; A.M., University of Pennsylvania, 1947; Ph.D., 1962.

GEORGE G. STRUBLE, 1931—;
Professor of English; Chairman of the Department of English; Secretary of the Faculty.
B.S. in Ed., University of Kansas, 1922; M.S. in Ed., 1925; Ph.D., University of Wisconsin, 1931.

C. F. JOSEPH TOM, 1954—;
Professor of Economics and Business Administration; Chairman of the Department of Economics and Business Administration.
B.A., Hastings College, 1944; M.A., University of Chicago, 1947; Ph.D., 1963.

L. ELBERT WETHINGTON, 1963—;
Professor of Religion; Chairman of the Department of Religion.
B.A. Wake Forest College, 1944; B.D., Divinity School of Duke University, 1947; Ph.D., Duke University, 1949.

ASSOCIATE PROFESSORS:

HILDA M. DAMUS, 1963—;
Associate Professor of German.
M.A., University of Berlin and Jena, 1932; Ph.D., University of Berlin, 1945.

MRS. ANNA DUNKLE FABER, 1954—;
Associate Professor of English.
A.B., Lebanon Valley College, 1948; M.A., University of Wisconsin, 1950; Ph.D., 1954.

WILLIAM H. FAIRLAMB, 1947—;
Associate Professor of Piano and Music History.
Mus.B., cum laude, Philadelphia Conservatory, 1949.

ALEX J. FEHR, 1951—;
Associate Professor of Political Science.
A.B., Lebanon Valley College, 1950; M.A., Columbia University, 1957; D.S.S., Syracuse University, 1968.

ELIZABETH M. GEFFEN, 1958—;
Associate Professor of History.
 B.S. in Ed., University of Pennsylvania, 1934;
 M.A., 1936; Ph.D., 1958.

PIERCE A. GETZ, 1959—;
Associate Professor of Organ.
 B.S., Lebanon Valley College, 1951; M.S.M.,
 Union Theological Seminary School of
 Sacred Music, 1953; A.M.D., Eastman
 School of Music, 1967.

ROBERT E. GRISWOLD, 1960—;
Associate Professor of Chemistry.
 B.S., New Bedford Institute of Technology,
 1954; M.S. in Chemistry, Northeastern Uni-
 versity, 1956; Ph.D., Massachusetts Institute
 of Technology, 1960.

PAUL W. HESS, 1962—;
Associate Professor of Biology; Chairman
of the Department of Biology.
 B.S., U. S. Merchant Marine Academy, 1944;
 M.S., University of Delaware, 1959; Ph.D.,
 1963.

THOMAS A. LANESE, 1954—;
Associate Professor of Strings, Conducting,
Theory.
 B.Mus., Baldwin-Wallace College, 1938;
 M.Mus., Manhattan School of Music, 1952.

KARL L. LOCKWOOD, 1959—;
Associate Professor of Chemistry.
 B.S., Muhlenberg College, 1951; Ph.D., Cor-
 nell University, 1955.

ROBERT W. SMITH, 1951—;
Associate Professor of Music Education;
Chairman of the Department of Music
 B.S., Lebanon Valley College, 1939; M.A.,
 Columbia University, 1950.

FRANK E. STACHOW, 1946—;
Associate Professor of Theory and
Woodwinds.
 Diploma, clarinet, Juilliard School of Music;
 B.S., Columbia University, 1943; M.A., 1946.

JAMES M. THURMOND, 1954—;
Associate Professor of Music Education and
Brass Instruments.
 Diploma, Curtis Institute of Music, 1931;
 A.B., American University, 1951; M.A.,
 Catholic University, 1952; Mus.D., Washing-
 ton College of Music, 1944.

ELEANOR TITCOMB, 1964—;
Associate Professor of French.
 A.B., Mount Holyoke College, 1938; M.A.,
 Middlebury College, 1943; Ph.D., Radcliffe
 College, 1959.

HARRY P. WEAST, 1967—;
Associate Professor of Education.
 B.S., University of Pittsburgh, 1937; M.Ed.,
 1944; D.Ed., 1953.

ASSISTANT PROFESSORS:

WILLIAM A. BATCHELOR, 1953-1966; 1968—;
Assistant Professor of Art.
 B.S., State Teachers College, Edinboro, 1933;
 M.A., The Pennsylvania State University,
 1951.

JAMES O. BEMESDERFER, 1959—;
Assistant Professor of Religion; College
Chaplain.
 A.B., Lebanon Valley College, 1936; B.D.,
 United Theological Seminary, 1939; S.T.M.,
 Lutheran Theological Seminary, Phila., 1945;
 S.T.D., Temple University, 1951.

O. PASS BOLLINGER, 1950—;
Assistant Professor of Biology.
 B.S., Lebanon Valley College, 1928; M.S.,
 The Pennsylvania State University, 1937.

FAY B. BURRAS, 1964—;
Assistant Professor of Mathematics.
 A.B., Lebanon Valley College, 1960; M.A.,
 Smith College, 1961.

VOORHIS C. CANTRELL, 1968—;
Assistant Professor of Religion.
 B.A., Oklahoma City University, 1952; B.D.,
 Southern Methodist University, 1956; Ph.D.,
 Boston University, 1967.

CHARLES T. COOPER, 1965—;
Assistant Professor of Spanish.
 B.S., U.S. Naval Academy, 1942; M.A., Mid-
 dlebury College, 1965.

GEORGE D. CURFMAN, 1961—;
Assistant Professor of Music Education.
 B.S., Lebanon Valley College, 1953; M.M.,
 University of Michigan, 1957.

MARTHA C. FAUST, 1957—;
Assistant Professor of Education;
Dean of Women.
 A.B., Lebanon Valley College, 1937; M.A.,
 Syracuse University, 1950.

- MRS. FRANCES T. FIELDS, 1947—;
Assistant Professor of Spanish; Cataloging Librarian.
 A.B., Lebanon Valley College, 1929; A.B. in Library Science, University of Michigan, 1947; M.A., *Universidad de San Carlos de Guatemala*, 1960.
- ARTHUR L. FORD, 1965—;
Assistant Professor of English.
 A.B., Lebanon Valley College, 1959; M.A., Bowling Green State University, 1960; Ph.D., 1964.
- PAUL FRANCIS HENNING, JR., 1959—;
Assistant Professor of Mathematics.
 A.B., Gettysburg College, 1954; M.A., The Pennsylvania State University, 1957.
- *MRS. JUNE EBY HERR, 1959—;
Assistant Professor of Elementary Education.
 B.S., Lebanon Valley College, 1943; M.Ed., The Pennsylvania State University, 1954.
- MRS. SYLVIA R. MALM, 1962—;
Assistant Professor of Biology.
 A.B., Mount Holyoke College, 1931; M.A., Brown University, 1934; Ph.D., Bryn Mawr College, 1937.
- GEORGE R. MARQUETTE, 1952—;
Assistant Professor of Physical Education; Dean of Men.
 A.B., Lebanon Valley College, 1948; M.A., Columbia University, 1951; D.Ed., Temple University, 1967.
- JAMES H. MATHER, 1968—;
Assistant Professor of Psychology.
 A.B., Westminster College, 1962; M.A., Bryn Mawr College, 1965.
- J. ROBERT McHENRY, 1964—;
Assistant Professor of Physical Education.
 A.B., Washington and Lee University, 1956.
- WILLIAM D. McHENRY, 1961—;
Assistant Professor of Education; Director of Athletics; Chairman of the Department of Physical Education.
 B.S., Washington and Lee University, 1954; M.Ed., University of Pennsylvania, 1960.
- MRS. AGNES B. O'DONNELL, 1961—;
Assistant Professor of English.
 A.B., Immaculata College, 1948; M.Ed., Temple University, 1953; M.A., University of Pennsylvania, 1968.
- J. ROBERT O'DONNELL, 1959—;
Assistant Professor of Physics.
 B.S., The Pennsylvania State University, 1950; M.S., University of Delaware, 1953.
- WERNER H. PETERKE, 1967—;
Assistant Professor of Economics.
 B.S., Cornell University, 1959; M.A., Kent State University, 1962.
- GERALD J. PETROFES, 1963—;
Assistant Professor of Physical Education.
 B.S., Kent State University, 1958; M.Ed., 1962.
- ROLAND F. SCHLUETER, 1968—;
Assistant Professor of Religion.
 A.B., Yale University, 1940; B.D., Union Theological Seminary, 1943; Ph.D., University of Edinburgh, 1955.
- JAMES N. SPENCER, 1967—;
Assistant Professor of Chemistry.
 B.S., Marshall University, 1963; Ph.D., Iowa State University, 1967.
- DAYLE H. STARE, 1968—;
Assistant Professor of Mathematics.
 A.B., Lebanon Valley College, 1964; M.A., The Pennsylvania State University, 1966.
- *PERRY J. TROUTMAN, 1960—;
Assistant Professor of Religion and Greek.
 B.A., Houghton College, 1949; B.D., United Theological Seminary, 1952; Ph.D., Boston University, 1964.
- HOMER W. WIEDER, 1964—;
Assistant Professor of Education; Director of Teacher Placement.
 A.B., Lebanon Valley College, 1926; M.A., New York University, 1936.
- PAUL L. WOLF, 1966—;
Assistant Professor of Biology.
 B.S., Elizabethtown College, 1960; M.S., University of Delaware, 1963; Ph.D., 1968.
- ALLAN F. WOLFE, 1968—;
Assistant Professor of Biology.
 B.A., Gettysburg College, 1963; M.A., Drake University, 1965; Ph.D., University of Vermont, 1968.

* Sabbatical leave, second semester, 1968-69.

* Sabbatical leave, 1968-69.

INSTRUCTORS:

- RICHARD C. BELL, 1966—;
Instructor in Chemistry.
B.S., Lebanon Valley College, 1941; M.Ed.,
Temple University, 1955.
- RONALD J. BURRICHTER, 1968—;
Instructor in Voice.
B.M.E., Wartburg College, 1964; M.M., Pea-
body Conservatory of Music, 1968.
- ROBERT B. CAMPBELL, 1968—;
Instructor in Woodwinds.
B.S., Lebanon Valley College, 1954; M.M.,
University of Michigan, 1960.
- MRS. KAREN W. COLEMAN, 1968—;
Instructor in English.
B.S., Kutztown State College, 1963; M.A.,
Lehigh University, 1965.
- PHILIP H. FEATHER, 1968—;
Instructor in Political Science.
B.A., Lebanon Valley College, 1960; LL.B.,
Dickinson Law School, 1963.
- MRS. E. ELIZABETH GARMAN, 1964—;
Instructor in Physical Education;
Director of Athletics for Women.
B.S., Beaver College, 1942.
- G. THOMAS GATES, 1963—;
Instructor in Business Law.
A.B., Brown University, 1945; LL.B., Boston
University, 1949.
- D. JOHN GRACE, 1958-59; 1961—;
Instructor in Accounting.
B.S., Lebanon Valley College, 1955;
C.P.C.U., 1955; C.P.A., 1957.
- RICHARD B. GROSKIN, 1968—;
Instructor in Sociology.
A.B., The Pennsylvania State University,
1967.
- MRS. GEILAN HANSEN, 1963—;
Instructor in Russian.
- MICHAEL G. JAMANIS, 1966—;
Instructor in Piano.
B.S., Juilliard School of Music, 1962; M.S.,
1964.
- MRS. FRANCES VERI JAMANIS, 1967—;
Instructor in Piano.
B.S., Juilliard School of Music, 1964; M.S.,
1965.

- BARBARA A. JEFFRIES, 1965-66; 1968—;
Instructor in Art.
B.S., Kutztown State College, 1958.
- RICHARD A. JOYCE, 1966—;
Instructor in History.
A.B., Yale University, 1952; M.A., San
Francisco State College, 1963.
- *WINIFRED L. KAEBNICK, 1966—;
Instructor in Sociology.
B.A., Western Reserve University, 1952;
M.N., 1955; M.A., University of Pennsyl-
vania, 1964.
- CHARLOTTE F. KNARR, 1966—;
Instructor in Psychology.
B.A., Lebanon Valley College, 1964; M.A.,
Kent State University, 1966.
- ROBERT C. LAU, 1968—;
Instructor in Musical Theory.
B.S., Lebanon Valley College, 1965.
- MRS. MARY B. LEWIN, 1963—;
Instructor in Mathematics.
B.S., in Ed., Millersville State College, 1938;
M.S. in Ed., Temple University, 1958.
- C. LINDLEY LIGHT, 1963—;
Instructor in Mathematics.
B.S., Millersville State College, 1962; M.S.,
Marquette University, 1969.

* Leave of absence.



- JAMES F. McCRORY, 1966—;
Instructor in Physics.
B.S., Dickinson College, 1960; M.S., The Pennsylvania State University, 1964.
- JOHN F. ONOFREY, 1968—;
Instructor in Elementary Education.
S.T.B., St. Mary's Seminary and University, 1960; B.S., Lebanon Valley College, 1964; M.Ed., Harvard University, 1967.
- MRS. JUDITH P. QUIRUS, 1968—;
Instructor in Psychology.
B.A., Lake Forest College, 1964; M.A., Northwestern University, 1967.
- JOHN P. RAMSAY, 1966—;
Instructor in English.
B.A., Albright College, 1958; M.A., University of Wisconsin, 1960.
- CHARLES A. REED, 1967—;
Instructor in History and Political Science.
A.B., Lebanon Valley College, 1954; A.M., University of Pennsylvania, 1959.
- RONALD A. ROGERSON, 1968—;
Instructor in Physical Education.
B.S., University of Maine, 1966; M.Ed., Colorado State University, 1968.
- MRS. MALIN Ph. SAYLOR, 1961—;
Instructor in French.
Fil. Kand., Universities of Upsala and Stockholm, 1938.
- RAYMOND J. SHORT, 1968—;
Instructor in Sociology.
A.B., LaSalle College, 1961; M.S.W., Florida State University, 1966.
- MRS. PHYLLIS F. SILLDORFF, 1968—;
Instructor in Art.
B.S., Kutztown State College, 1961.
- MRS. LILLIE S. STRUBLE, 1968—;
Instructor in Elementary Education.
A.B., University of Kansas, 1921.
- WARREN K. A. THOMPSON, 1967—;
Instructor in Philosophy.
A.B., Trinity University, 1957; M.A., University of Texas, 1963.
- GLENN H. WOODS, 1965—;
Instructor in English.
A.B., Lebanon Valley College, 1951; M.Ed., Temple University, 1962.
- MRS. LEAH M. ZIMMERMAN, 1964—;
Instructor in Voice.
Diploma, Juilliard School of Music, 1925.
- TEACHING ASSISTANTS:**
- ROBERT A. AULENBACH, 1968—;
Teaching Assistant in Woodwinds.
B.M., Boston Conservatory of Music, 1949.
- HENRY W. SHUEY, JR., 1967—;
Teaching Assistant in Geography.
A.B., Lebanon Valley College, 1957.
- AUXILIARY SCHOOLS**
- EDWIN W. BEAVER, 1961—;
Instructor in Education.
B.A., Lebanon Valley College, 1950; M.Ed., Temple University, 1954.
- WILLIAM HANKIN, 1968—; *Laboratory Assistant in Chemistry.*
B.S., Shippensburg State College, 1966.
- WILLIAM R. MINNICH, 1967—;
Instructor in History.
B.S., Lebanon Valley College, 1957; M.Ed., Temple University, 1963.
- UNIVERSITY CENTER AT HARRISBURG**
- DAVID T. CHESTNUT, 1961-62; 1968—;
Instructor in French.
A.B., Haverford College, 1941; M.S. in Ed., University of Pennsylvania, 1947.
- LEONARD M. COHEN, 1964—;
Instructor in Psychology.
A.B., Lebanon Valley College, 1948; M.Ed., The Pennsylvania State University, 1950; D.Ed., Temple University, 1959.
- CHARLES O. CRAWFORD, 1967—;
Instructor in Sociology.
B.S., The Pennsylvania State University, 1956; M.S., 1958; Ph.D., Cornell University, 1963.
- JAY F. EBERSOLE, 1965-66; 1968—;
Instructor in Philosophy.
A.B., Franklin & Marshall College, 1950; B.D., Hartford Theological Seminary, 1953; S.T.M., Yale University, 1960.
- RICHARD W. GRANT, 1968—;
Instructor in Accounting.
B.S., Northeastern University, 1962; M.B.A., Columbia University, 1964.

RICHARD C. JOHNSON, 1964—;
Instructor in Sociology.
 A.B., University of Michigan, 1949; M.A., 1951.

MARVIN H. JONES, 1968—;
Instructor in Accounting.
 B.S., Lebanon Valley College, 1968; C.P.A., 1967.

JOHN E. KOSOLOSKI, JR., 1965-67; 1968—;
Instructor in Education.
 B.S., Bloomsburg State College, 1954; M.S., Bucknell University, 1957; M.Ed., The Pennsylvania State University, 1958.

PAUL W. LUTZ, 1968—;
Instructor in Education.
 B.S., University of Pittsburgh, 1950.

W. DEAN MANIFOLD, 1968;
Instructor in Psychology.
 B.S., Millersville State College, 1933; M.Ed., University of Maryland, 1948; D.Ed., 1954.

SAMUEL R. MCHENRY, JR., 1967—;
Instructor in History.
 A.B., Grove City College, 1947; M.A., University of Pennsylvania, 1949; M.S. in Ed., 1955.

ROBERT A. NORDBERG, 1967—;
Instructor in Psychology.
 B.A., Franklin and Marshall College, 1962; M.S.W., University of Pennsylvania, 1965.

HARRIS W. REYNOLDS, 1967—;
Instructor in Education.
 B.S. in Ed., Lock Haven State College, 1934; M.Ed., The Pennsylvania State University, 1940; Ed.D., 1959.

FRANK G. SHERVANICK, 1966—;
Instructor in Accounting.
 B.S. in Bus. Ad., The Pennsylvania State University, 1959; M.B.A., 1961.

ROBERT H. TILLISCH, 1964—;
Laboratory Assistant in Biology.
 B.S. in Ed., Shippensburg State College, 1960; M.S., Bucknell University, 1965.

LAURENCE WAITE, 1964—;
Instructor in Spanish.
 A.B., Franklin and Marshall College, 1949; M.A., Columbia University, 1951.

MRS. DIANA D. WOODWARD, 1968—;
Instructor in Philosophy.
 B.A., University of Texas; M.A., University of North Carolina.

JOSEPH P. ZACCANO, 1960-61; 1968—;
Instructor in History.
 A.B., Dickinson College, 1954; M.A., University of Pittsburgh, 1956; Ph.D., 1961.

COOPERATING TRAINING TEACHERS:

The student teaching program is organized to give the beginning teacher as wide and varied experiences as possible.

Extreme care is used in the assignment of the cooperating teacher with the student teacher. The selection is made in a cooperative manner between the administration of the local school and the supervisor of practice teaching at the College.

Student teaching in Music Education is done in the Derry Township Public Schools, the Annville-Cleona Schools and the Milton Hershey School. Student teaching in other areas of Elementary and Secondary Education is done in schools within reasonable traveling distance of the College.

Names of cooperating teachers and subjects taught are available in the offices of the departments of Education and Music.

DEPARTMENTAL ASSISTANTS—1968-1969

Biology, Frank L. Rice, 1969
Chemistry, Beverly Ann Cushnie, 1971
Economics and Business Administration, Franklin R. Shearer, 1969
Education, Carol Ann Hoeflich, 1970
English, Paula C. Stock, 1970
Foreign Languages, Morris S. Cupp, 1970
Health and Physical Education, Robin A. Kornmeyer, 1970
 JoAnn Yeagley, 1970
History and Political Science, LesErik B. Achey, 1969
Mathematics, Alan J. Balma, 1970
Music Education
 John C. Spangler, 1st semester, 1969
 Dale C. Schimpf, 2nd semester, 1969
Psychology, Linda R. Radlof, 1969
Religion, William M. Thompson, 1969
Sociology, Cecelia M. Baeckert, 1969

TEACHING INTERNS — 1968-1969
Mathematics, J. Dean Burkholder, 1969
Physics, Thomas R. Bross, 1969

COMMITTEES OF THE FACULTY — 1968-1969

Committee on Academic Affairs

Departmental Chairmen; The Dean of the College, Dr. Ehrhart, *Chairman*

<i>Biology</i> , Dr. Hess	<i>History & Pol. Science</i> , Dr. Shay
<i>Chemistry</i> , Dr. Neidig	<i>Mathematics</i> , Dr. Bissinger
<i>Economics & Bus. Ad.</i> , Dr. Tom	<i>Music</i> , Mr. Smith
<i>Education</i> , Dr. Ebersole	<i>Philosophy</i> , Dr. Ehrhart
<i>English</i> , Dr. Struble	<i>Physics</i> , Dr. Rhodes
<i>Foreign Language</i> , Dr. Piel	<i>Psychology</i> , Dr. Love
<i>Health & Phys. Ed.</i> , Mr. McHenry	<i>Religion</i> , Dr. Wethington
	<i>Sociology</i> , Dr. Shay

Committee on Faculty Affairs

Dr. Fehr, <i>Chairman</i>	Elected by the Faculty	Term expires 1969
Dr. Rhodes	Elected by the Faculty	Term expires 1970
Mr. Fairlamb	Elected by the Faculty	Term expires 1971
Mrs. O'Donnell	Appointed by the President	Term expires 1970
Dr. Wethington	Appointed by the President	Term expires 1971

Committee on Student Affairs

Mr. Bollinger	Appointed by the President	Term expires 1969
Miss Burras	Appointed by the President	Term expires 1970
Dr. Getz, <i>Chairman</i>	Appointed by the President	Term expires 1970
Mrs. Herr	Appointed by the President	Term expires 1971
Mr. Cooper	Appointed by the President	Term expires 1971

Committee on Public Relations

Mr. Smith	Appointed by the President	Term expires 1969
Mrs. Garman	Appointed by the President	Term expires 1970
Dr. Hess, <i>Chairman</i>	Appointed by the President	Term expires 1970
Dr. Ford	Appointed by the President	Term expires 1971
Dr. Faber	Appointed by the President	Term expires 1971

Administrative Advisory Committee

*Dr. Neidig, <i>Chairman</i>	Elected by the Faculty	Term expires 1969
*Dr. Rhodes	Elected by the Faculty	Term expires 1970
*Dr. Love	Elected by the Faculty	Term expires 1971

Chairmen of the other three committees.

Honors Council

Mr. William H. Fairlamb, *Chairman*; Dr. Karl L. Lockwood; Dr. Sara E. Piel;
Dr. C. F. Joseph Tom

* Special advisory group to the President and Dean of the College



GENERAL ALUMNI ORGANIZATION

*Executive Council of the Lebanon Valley
College Alumni Association — 1968-1970*

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Harry L. Bricker, Jr. '50
407 North Front Street, Harrisburg, Pa. 17110

Vice President

Thomas C. Reinhart '58
41 East Court Boulevard,
West Lawn, Reading, Pa. 19609

Director of Alumni Relations

David M. Long '59
Box 97, Mt. Gretna, Pa. 17064

ELECTED MEMBERS

Miss Evalyn M. Strickler '39
1679 Grace Avenue, Lebanon, Pa. 17042

Peter P. McEvoy, Jr. '58
Tall Pines Inn, Sewell, N.J. 08080

David J. Farling '56
420 Strafford Avenue, Wayne, Pa. 19087

ALUMNI TRUSTEES

DeWitt M. Essick '34
43 Wabank Road, Millersville, Pa. 17551

Mrs. Gladys Buffington Holman '27
(Mrs. Edward L.)

3340 North Third Street, Harrisburg, Pa. 17110

James H. Leathem '32
610 South First Avenue,
Highland Park, N. J. 08904

PAST PRESIDENTS

Curvin N. Dellinger '38
Box 676, Lebanon, Pa. 17042

Jefferson C. Barnhart '38
124 Java Avenue, Hershey, Pa. 17033

E. Peter Strickler '47
201 High Street, Lebanon, Pa. 17042

Carl Y. Ehrhart '40
643 East Queen Street, Annville, Pa. 17003

Robert A. Nichols, III '41
810 Walnut Street, Lebanon, Pa. 17042

Regional Alumni Clubs

BALTIMORE AREA

President

Gustav T. Maury '40
6631 Dogwood Drive, Baltimore, Md. 21207

Vice President

R. Frederick Crider, Jr. '63
4844 Reisterstown Rd., Baltimore, Md. 21215

Secretary-Treasurer

Mrs. Viola Snell Maury '42 (Mrs. Gustav T.)
6631 Dogwood Drive, Baltimore, Md. 21207

BERKS COUNTY

President

Barry L. Keinard '61
1726 York Road, Wyomissing,
Reading, Pa. 19610

Vice President

Robert A. Gustin '53
1551 Dauphin Avenue, Wyomissing,
Reading, Pa. 19610

HARRISBURG AREA

President

Melvin E. Hostetter '53
42 Center Drive, Camp Hill, Pa. 17011

Vice President

Robert R. Shope '63
1701 Walnut Street, Camp Hill, Pa. 17011

Secretary

Mrs. Sharon Stetler Herr '66 (Mrs. Robert L.)
4100-J Beechwood Lane,
Harrisburg, Pa. 17112

Treasurer

John E. Battinger, Jr. '64
White Birch Avenue, R.D. 4,
Mechanicsburg, Pa. 17055

LANCASTER COUNTY

President

Mrs. Jeanne Edwards Tesnar '51
(Mrs. Edward F.)
336 Ruth Ridge Drive, Lancaster, Pa. 17601

Vice President

Larry L. Ziegler '57
123 North Clay Street, Manheim, Pa. 17545

Secretary-Treasurer

Mrs. Jane Lutz McGary '52 (Mrs. Daniel W.)
1538 Lambeth Road, Lancaster, Pa. 17600

LEBANON COUNTY

President

Mrs. Alma Binner Wise '31 (Mrs. George H.)
Box 48, Rexmont, Pa. 17085

1st Vice President

Ronald E. Drum '58
416 Larkspur Lane, Lebanon, Pa. 17042

2nd Vice President

Darwin G. Glick '58
P.O. Box 594, Lebanon, Pa. 17042

3rd Vice President

Robert C. Rowe '60
909 Kiner Avenue, Lebanon, Pa. 17042

Secretary

Mrs. Rae Anna Reber Barr (Mrs. Clyde M.)
400 South Lincoln Avenue,
Lebanon, Pa. 17042

Treasurer

Carroll E. Ditzler '58
217 South 9th Street, Lebanon, Pa. 17042

NORTH NEW JERSEY AREA

President

Bruce A. Bayer '54
832 Valley Road, Upper Montclair, N.J. 07087

Vice Presidents

Richard J. Furda '53
214 Appian Avenue, Middlesex, N.J. 08846
Ray C. Herb '24
106 Linden Avenue, Metuchen, N.J. 08840
Robert Hoffsommer, Jr. '52
68 Eggert Avenue, Metuchen, N.J. 08840
James M. Geiselhart '52
Box 18, Ogdensburg, N.J. 07439

Recording Secretary

Mrs. Margaret Garber Philp '60
(Mrs. Lester P., Jr.)
79 North Passaic Avenue,
Chatham, N.J. 07928



Corresponding Secretary

Mrs. Jean Orlando Geiselhart '52

(Mrs. James M.)

Box 18, Ogdensburg, N.J. 07439

Treasurer

Joan Ringle Policastro '54 (Mrs. Steven G.)

14 Glen Gary Road, Middlesex, N.J. 08846

NATIONAL CAPITAL AREA

President

Raymond M. Oberholtzer '23

5503 Christy Drive, Washington, D.C. 20016

Vice President

Samuel O. Grimm, Jr. '41

3502 Astoria Road, Kensington, Md. 20795

Secretary-Treasurer

Mrs. Helen Eddy Hart '33 (Mrs. Lawrence F.)

2223 North Vermont Street,

Arlington, Va. 22207

DELAWARE VALLEY AREA

President

John W. Metka '60

868 Beechwood Road, Havertown, Pa. 19083

President Elect

Donald R. Kaufman '65

502 Warminster Road, Hatboro, Pa. 19040

1st Vice President

Robert J. Nelson '57

23 Hannum Drive, Ardmore, Pa. 19003

Secretary

Janet C. Stein '67

363 Harwicke Road, Springfield, Pa. 19064

Treasurer

Otto L. Wolpert '57

2538 Gypsy Lane, Glenside, Pa. 19038

YORK COUNTY

President

Mrs. Sandra Weit Shipman '58 (Mrs. James E.)

R.D. 4, Red Lion, Pa. 17356

Vice President

Donald L. Harper '60

105 East Main Street, Dallastown, Pa. 17313

Secretary-Treasurer

Mrs. Janease Howard Artz '57 (Mrs. Dean R.)

HERSHEY-PALMYRA (DERRY AREA)

Co-Chairman

Mrs. Janice Stahl Geiling '45 (Mrs. Austin C.)

613 West Oak Street, Palmyra, Pa. 17078

Co-Chairman

Elwood W. Meyers '30

1062 Fishburn Road, Hershey, Pa. 17033

YANKEE CLUB

President

Richard W. Moller '49

19 Kimball Avenue, Wenham, Mass. 01984

Vice President

Jack W. Gregory '66

41 Compobeach Road,

Westport, Conn. 06880

Secretary-Treasurer

Mrs. Bonita Young Stum '67 (Mrs. David E.)

41 Chestnut Hill Avenue, Boston, Mass. 02135



DEGREES CONFERRED

DEGREES CONFERRED JANUARY 24, 1968

BACHELOR OF ARTS

David Albert Benson, *English*
James Edward Boston, Jr., *Psychology*

Janice Koehler Richardson, *English*
William Kenneth Watson, *History*

BACHELOR OF SCIENCE

Alice Elaine Alwine, *Music Education*
William Albert Cadmus, *Economics and
Business Administration*
George Clair Clauser, *Economics and
Business Administration*

John Robert Eby, *Economics and
Business Administration*
Wanda Wlasova Gerstner, *Elementary Education*
Lawrence Robinson Moss, Jr.,
Economics and Business Administration

BACHELOR OF SCIENCE IN NURSING

Ruth Ann Barry Johnson

GRADUATION HONORS

CUM LAUDE

William Kenneth Watson

Elected to Membership

PHI ALPHA EPSILON

Honorary Scholarship Society

William Kenneth Watson

DEPARTMENTAL HONORS

William Kenneth Watson, *In History*

DEGREES CONFERRED JUNE 2, 1968

BACHELOR OF ARTS

Ruth anHarriet Alexander, *Sociology*
Suzette Werni Arnold, *Political Science*
Christine Banes, *Sociology*
Dennis Terry Bashore, *Political Science*
Francene Jill Bigelow, *Religion*
Jeannette Murphy Boston, *English*
Diane Kay Bott, *Mathematics*
Linda Eberly Bright, *Political Science*
Michael Daniel Curley, *Sociology*
Geret Peter DePiper, *Psychology*
Julianne Devitz, *Psychology*
Carol Elaine Eshelman, *Mathematics*
Rebecca Louise Fackler, *Sociology*
Lynda Jean Ferry, *English*
Alan Kenneth Fry, *Political Science*
Judy Ann Gettle, *Psychology*
Mercedes Joyce Govier, *English*
Donald Alexander Haight, *Psychology*

Kathleen Margaret Hannon, *Psychology*
John Wilson Havens, Jr., *Political Science*
Janet Louise Hill, *Biology*
Jon Eric Hofmann, *French*
Mary Alice Hostetter, *English*
Earl Eugene Lauver, *Political Science*
Kermit Robert Leitner, *Political Science*
Dell Elizabeth Lokey, *Sociology*
John Rodney McFadden, *Psychology*
Mimi Meyer, *Religion*
Dean Edwin Miller, *Psychology*
James Richard Newcomer, Jr., *English*
Paul Frederic Pickard, *History*
Raymond John Reidenbach, Jr., *Psychology*
Patricia Venice Reigle, *English*
Katrinka Ann Salmon, *English*
Cheryl Alaine Seacat, *English*
Arthur Daniel Semon, *Political Science*

Susan Marie Shanaman, *Psychology*
 Milton Thomas Shatto, *English*
 James Monroe Shearer, *History*
 Patricia Lee Shiner, *Sociology*
 Susan Kay Sitko, *English*
 Terrence Lee Swartz, *English*
 Peter David Walker, *English*

Lois Ann Weil, *English*
 Barbara Jean West, *Psychology*
 Susan Klitch Wick, *English*
 Richard Earl Williams, *History*
 Valerie Anne Yeager, *Psychology*
 Harry Conrad Zart, Jr., *Sociology*

BACHELOR OF SCIENCE

Barbara Ann Ankrum, *Elementary Education*
 Bruce Leonard Bean, *Physics*
 Suzanne Lee Bennetch, *Biology*
 Bromley Harry Billmeyer, Jr., *Economics and Business Administration*
 Judith Manwiller Blacksten, *Biology*
 John Raymond Boffenmyer, *Biology*
 William Paul Bohlander, *Biology*
 Gerald Lee Boland, *Economics and Business Administration*
 Joan Kissinger Buffington, *Music Education*
 Harry Milton Capper, *Physics*
 Grace Suzanne Chase, *Elementary Education*
 Lois Elaine Christman, *Elementary Education*
 Suzanne Barbara Cumming, *Biology*
 Mary Blanche D'Anna, *Elementary Education*
 Charles James DeHart, III, *Economics and Business Administration*
 Cecelia Mary Deitrich, *Elementary Education*
 Warren Dale Ditzler, *Biology*
 Carolyn Betty Dreibelbis, *Biology*
 Carol Ann Edgecomb, *Biology*
 Janet Margaret Else, *Biology*
 Paul Beck Foutz, *Economics and Business Administration*
 Thomas Lee Foxall, *Biology*
 Lynn Garrett, *Elementary Education*
 Pietro Domonic Giraffa, Jr., *Economics and Business Administration*
 Stephen Anthony Groff, *Biology*
 Alan Proctor Hague, *Economics and Business Administration*
 Dale Ernest Hall, *Physics*
 John Anthony Halladay, *Biology*
 Sonja Lorraine Hawbaker, *Music Education*
 John Howard Heffner, *Physics*
 Terry Wayne Hicks, *Economics and Business Administration*
 Mark George Holtzman, III, *Economics and Business Administration*
 Charles Kerry Hornberger, *Music Education*
 Carl Eugene Horning, *Physics*
 Marvin Harper Jones, *Economics and Business Administration*
 Eugene Katzman, *Physics*

Larry Lee Kauffman, *Economics and Business Administration*
 Robert Allen Kaufmann, *Economics and Business Administration*
 George Joseph King, *Economics and Business Administration*
 Karen Sue Klick, *Elementary Education*
 Carol Phyllis Kline, *Music Education*
 Andrea Frances Knopf, *Elementary Education*
 Helen Barnhart Kowach, *Biology*
 Keith Gleim Kreamer, *Economics and Business Administration*
 Robert Alexander Laughead, *Economics and Business Administration*
 Ruth Elaine Long, *Music Education*
 Glenn Howard MacGregor, II, *Economics and Business Administration*
 James Gabriel Magazino, *Biology*
 Rosemary Sara McCleaf, *Elementary Education*
 Katharine Christine McComsey, *Music Education*
 Jeffrey Scott McCullough, *Economics and Business Administration*
 Joyce Elaine McMinis, *Elementary Education*
 Robert William Mead, III, *Biology*
 Jay Alan Mengel, *Biology*
 Janet Arlene Merlo, *Biology*
 Gary Wayne Miller, *Music Education*
 Marjorie Jean Miller, *Music Education*
 Mary Lippert Miller, *Music Education*
 Richard Theodore Moritz, *Economics and Business Administration*
 Helen Jean Nelson, *Music Education*
 Randall Nelson, *Economics and Business Administration*
 Barbara Cressman Padley, *Elementary Education*
 David Joseph Padley, *Mathematics*
 Barbara Lynn Pinkerton, *Music Education*
 Robert Dwight Powell, *Biology*
 Ronald Lee Richcreek, *Music Education*
 Janet Louise Gessner Roberts, *Elementary Education*
 Patricia Ann Rohrbaugh, *Music Education*
 Carl Robert Sabold, Jr., *Economics and Business Administration*
 John Carson Sawyer, *Economics and Business Administration*

Nancy Louise Schellenberg, *Biology*
 Stuart Gardner Schoenly, *Actuarial Science*
 Carol Paist Schwalm, *Music Education*
 Anna Rachel Schwartz, *Music Education*
 Lynda Sue Senter, *Music Education*
 Walter Samuel Shakespeare, *Economics and Business Administration*
 Charles Scott Sharnetzka, *Music Education*
 Patrick Joseph Simpson, *Economics and Business Administration*
 Dolores Jean Slade, *Music Education*
 Stanley Allen Snavely, *Economics and Business Administration*

Linda Lee Spory, *Biology*
 Carol Leslie Swalm, *Elementary Education*
 Susan Kay Swartz, *Elementary Education*
 Joan Roby Taylor, *Biology*
 James Kenneth Thomas, Jr., *Economics and Business Administration*
 Phillip Eugene Thompson, *Physics*
 Lois Nestor Trefsgar, *Economics and Business Administration*
 James Russell Van Camp, *Chemistry*
 Constance Jean Witter, *Elementary Education*
 John Roy Yerger, *Music Education*

BACHELOR OF SCIENCE IN CHEMISTRY

Leroy Herr Arnold
 Darryl Wayne Brixius
 LeRoy Galbreath Frey

Thomas Edgar Gangwer
 Gregory Paul Hoover

Stephen Michael Jacobs
 Rae Ann Shermeyer

BACHELOR OF SCIENCE IN MEDICAL TECHNOLOGY

Margaret Edith Barlow
 Margaret Alta Black
 Laurel Ann Bloeser

Heather Rae Ehrlich
 Everett Arthur Haight

Rebecca Wagner Hyman
 Marianne Lombardi

BACHELOR OF SCIENCE IN NURSING

Paula Snyder Aboyoun
 M. Gwendolyn Gilroy

Margaret Louise Hamilton
 Doris Baker Hansell

Thelma Mae Hostetter
 Wendy Ptacek

GRADUATION HONORS

MAGNA CUM LAUDE

Bruce Leonard Bean

James Richard Newcomer, Jr.

CUM LAUDE

Leroy Herr Arnold
 Loise Elaine Christman
 Carol Ann Edgecomb
 Carol Elaine Eshelman
 Paul Beck Foutz
 Sonja Lorraine Hawbaker
 Mark George Holtzman, III

Mary Alice Hostetter
 Joyce Elaine McMinis
 Marjorie Jean Miller
 Barbara Lynn Pinkerton
 Stuart Gardner Schoenly
 Rae Ann Shermeyer
 Dolores Jean Slade

Joan Roby Taylor

Elected to Membership
 PHI ALPHA EPSILON
Honorary Scholarship Society

Leroy Herr Arnold
 Bruce Leonard Bean
 Lois Elaine Christman
 Carol Ann Edgecomb
 Carol Elaine Eshelman
 Paul Beck Foutz
 Sonja Lorraine Hawbaker
 Mark George Holtzmann, III

Mary Alice Hostetter
 Joyce Elaine McMinis
 Marjorie Jean Miller
 James Richard Newcomer, Jr.
 Barbara Lynn Pinkerton
 Rae Ann Shermeyer
 Dolores Jean Slade
 Joan Roby Taylor

COLLEGE HONORS

John Howard Heffner

DEPARTMENTAL HONORS

Stuart Gardner Schoenly.....In Actuarial Science
Leroy Herr Arnold.....In Chemistry
Darryl Wayne Brixius.....In Chemistry
Rae Ann Shermeyer.....In Chemistry
Paul Beck Foutz.....In Economics
Mark George Holtzmann, III.....In Economics
George Joseph King.....In Economics
John Howard Heffner.....In Physics
Phillip Eugene Thompson.....In Physics

HONORARY DEGREES

Conferred June 2, 1968

William David Bryson.....Doctor of Laws
David Elder Craighead.....Doctor of Music
Mark James Hostetter.....Doctor of Divinity
Frederic Keiper Miller.....Doctor of Laws
Joseph Hughes Yeakel.....Doctor of Divinity

DEGREES CONFERRED AUGUST 30, 1968

BACHELOR OF ARTS

Victor Allen Angell, Jr., <i>Spanish</i>	Gail Marie Rudy Hofmann, <i>Sociology</i>
Susan Haldeman Brabits, <i>German</i>	Lewis Jeffrey Nieburg, <i>History</i>
Ralph Lenker Heagy, <i>Religion</i>	Richard Norman Simington, <i>English</i>
Jerry Paul Slonaker, <i>Political Science</i>	

BACHELOR OF SCIENCE

Dennis Allen Brown, <i>Music Education</i>	Stuart William Miller, <i>Economics and Business</i>
Robert Bruce Hawk, <i>Economics and Business</i>	<i>Administration</i>
<i>Administration</i>	Brooks Nelson Trefsgar, <i>Economics and Business</i>
Margaret E. Jones, <i>Music Education</i>	<i>Administration</i>
David Peter Keehn, <i>Music Education</i>	Diane Ester Urick, <i>Biology</i>

BACHELOR OF SCIENCE IN MEDICAL TECHNOLOGY

Vivian Lorraine Paumer

BACHELOR OF SCIENCE IN NURSING

Phyllis Sternfeld Rich



STUDENT AWARDS, 1968

SENIOR AWARDS

PHI BETA KAPPA PRIZE —

Bruce Leonard Bean, Bladensburg, Md.

Established in 1968 by the Phi Beta Kappa Faculty Group of Lebanon Valley College. Awarded to a senior who best measures up to the standards of scholarship and character set by the National Society.

BAISH MEMORIAL HISTORY AWARD —

William Kenneth Watson, Lebanon

Established in 1947 in memory of Henry H. Baish by his wife and daughter, Margaret. Awarded to a member of the Senior Class majoring in history; selected by the Chairman of the Department of History and Political Science on the basis of merit.

ANDREW BENDER MEMORIAL CHEMISTRY AWARD —

Darryl Wayne Brixius, Camp Hill

Established in 1952 by the Chemistry Club of the College and alumni. Awarded to an outstanding senior majoring in Chemistry.

THE SALOME WINGATE SANDERS AWARD IN MUSIC EDUCATION —

Sonja Lorraine Hawbaker, Fort Loudon

Established in 1957 by Robert Bray Wingate, Class of 1948, in honor of his grandmother, Salome Wingate Sanders. Given annually to the senior who exemplifies excellent character, potential usefulness, high academic standing, and who evidences loyalty to his Alma Mater.

THE DAVID E. LONG MEMORIAL MINISTERIAL AWARD —

Sonja Lorraine Hawbaker, Fort Loudon

Established in 1956 by the Reverend Abraham M. Long, Class of 1917, in memory of his father, the Reverend David E. Long, Class of 1900. This award is given annually to a student preparing for the ministry, selected by the members of the Department of Religion on the basis of merit.

PI GAMMA MU SCHOLARSHIP AWARD —

Mark George Holtzman, III, Harrisburg

Authorized by the National Social Science Honor Society Pi Gamma Mu, incorporated and established at Lebanon Valley College in 1948 by the Pennsylvania Nu Chapter of the Society for the promotion of scholarship in the Social Sciences. Granted upon graduation to a senior member of Pennsylvania Nu Chapter, selected by the Chapter's Executive Committee, for outstanding scholarship in economics, government, history, or sociology, and high proficiency or other distinction attained in pursuit of same during his or her years at the college.

THE PENNSYLVANIA INSTITUTE OF CERTIFIED PUBLIC ACCOUNTANTS AWARD —

Paul Beck Foutz, Thomasville

Awarded to a senior on the basis of accounting grades and qualities of leadership on campus.

ACHIEVEMENT SCHOLARSHIP AWARD IN ECONOMICS AND BUSINESS ADMINISTRATION —

Paul Beck Foutz, Thomasville

Mark George Holtzman, III, Harrisburg

Awarded to a student majoring in Economics and Business Administration for outstanding scholarship in Economics and Business Administration and for good campus citizenship. Established in 1965 by the People's National Bank of Lebanon.

THE WALLACE-LIGHT-WINGATE AWARD IN LIBERAL ARTS —

Carol Elaine Eshelman, Manheim

Established in 1967 by Robert Bray Wingate, Class of 1948, in honor of Dr. P. A. W. Wallace and Dr. V. Earl Light. Given annually to the senior student who best exemplifies the aims of liberal arts education, namely, a broad interest and training in both the arts and sciences.

THE HARRISBURG CHAPTER OF THE NATIONAL ASSOCIATION OF ACCOUNTANTS AWARD —

Paul Beck Foutz, Thomasville

Stuart Gardner Schoenly, Collegeville

Granted to the student demonstrating outstanding achievement in the introductory accounting course. The award consists of a student subscription to *NAA Bulletin* and Research Reports of the NAA.

SOUTHEASTERN PENNSYLVANIA SECTION, AMERICAN CHEMICAL SOCIETY AWARD —

Daryl Wayne Brixius, Camp Hill

Presented to the outstanding senior Chemistry major in each of the colleges in the area based on demonstrated proficiency in Chemistry. The award consists of a book entitled *A German-English Dictionary for Chemists*.

THE M. CLAUDE ROSENBERRY MEMORIAL AWARD —

Ronald Lee Richcreek, Carlisle

Given to an outstanding senior in Music Education who is entering the teaching field in the State of Pennsylvania, and who has demonstrated unusual ability and promise as a potential teacher.

B'NAI B'RITH AMERICANISM AWARD —

James Richard Newcomer, Jr., Columbia

Awarded to a member of the graduating class who throughout the year by his actions best exemplified the philosophies of our American Democracy — those precepts of tolerance — brotherhood, citizenship, respect for his fellow students regardless of race, color or creed; one who abhors prejudice and discrimination and who by his very actions has earned the respect and admiration of his fellow students by putting into practice the very tenets taught to all of us in our institutions of learning for the sole purpose of making this, our country, a better land in which to live.

GOVERNOR JAMES H. DUFF AWARD —

Katrinka Ann Salmon, Ledgewood, N.J.

Richard Earl Williams, Lemoyne

Established in 1960 by Governor James H. Duff (Pennsylvania) to promote interest in state government. Awarded annually to a senior who by participation in campus government or in debating demonstrates a facility and interest in government service.

THE SIGMA ALPHA IOTA HONOR CERTIFICATE AWARD —

Barbara Lynn Pinkerton, Ronks

Awarded to the senior music major with the highest scholastic average over her four years of study. The award consists of an honor certificate.

OUTSTANDING SENIOR OF DELTA ALPHA CHAPTER, SAI —

Carol Elaine Eshelman, Manheim

Awarded by the Philadelphia Alumnae Chapter of Sigma Alpha Iota to the girl selected by her sister members as the outstanding senior of Delta Alpha Chapter. The award consists of a life subscription to *Pan Pipes*, the fraternity magazine.

THE CHUCK MASTON AWARD —*

Richard Earl Williams, Lemoyne

Established in 1952 by the Knights of the Valley. This award is made annually to a male member of a varsity team who has displayed the exceptional qualities of sportsmanship, leadership, cooperation, and spirit.

THE JOHN F. ZOLA ATHLETIC AWARD —*

Pietro Dominic Giraffa, Jr., Hanover

Established in 1962 by the L V Varsity Club. To be awarded to the football player showing qualities of desire, attitude, sportsmanship, and initiative — the qualities that John displayed. This award is open to members of all classes and the winner is elected by the members of the football team.

CHILDHOOD EDUCATION CLUB AWARD —

Barbara Ann Ankrum, Quarryville

An award to an outstanding student majoring in Elementary Education who has demonstrated qualities of character, scholarship, leadership, and service, and who has successfully completed one semester of student teaching.

WHO'S WHO IN AMERICAN UNIVERSITIES AND COLLEGES —

Barbara Ann Ankrum

Leroy Herr Arnold

Bruce Leonard Bean

Janet Margaret Else

Paul Beck Foutz

Alan Proctor Hague

Donald Alexander Haight

Sonja Lorraine Hawbaker

George Joseph King

Mimi Meyer

James Richard Newcomer, Jr.

Paul Frederick Pickard

Barbara Lynn Pinkerton

Susan Kay Sitko

Dolores Jean Slade

Barbara Jean West

Richard Earl Williams

Recognition in *Who's Who Among Students in American Universities and Colleges* is awarded annually on the basis of grades, personal character, and campus leadership. Final selection is made by the publishers.

GENERAL AWARDS

ALUMNI SCHOLARSHIPS AWARDS —

Georgene M. Carmany, Harrisburg

Rolanda Mae Hofmann, Waynesboro

Donald Wayne Samples, Lewisberry

William David Sharrow, Williamsport

These awards, authorized by the Lebanon Valley College Alumni Association in June, 1953, were established with the resources of the alumni Life Membership Fund. These scholarships are granted annually to deserving students on the basis of character, academic achievement, and need; the recipients of these scholarships to be designated Alumni Scholars.

* Not always awarded to seniors.

MAUD P. LAUGHLIN SOCIAL SCIENCE SCHOLARSHIP AWARD —

Franklin Richard Shearer, Wernersville

Donald Jay Womer, Lebanon

Awarded in recognition of excellence in scholarship, academic progress, campus citizenship, service to the institution, participation in extra-curricular activities.

JOHN F. ZOLA MEMORIAL SCHOLARSHIP AWARD —

Patricia Ann Buchanan, Matamoras

Awarded by the Knights of the Valley to a full-time student, on the basis of character and financial need.

THE BIOLOGICAL SCHOLARSHIP AWARD —

Frank Lambert Rice, Trenton, N.J.

Established in 1918 by alumni and friends. Awarded annually by the Chairman of the Department of Biology on the basis of merit.

MEDICAL SCHOLARSHIP AWARD —

Thomas Michael Clemens, Lebanon

Established in 1918 by alumni and friends. Awarded annually on the basis of merit.

PHI LAMBDA SIGMA SCHOLARSHIP AWARD —

James Thomas Evans, Annville

Established in 1962 by Phi Lambda Sigma and awarded on the basis of need, academic achievement, and contribution to the goals of the College.

BRADFORD CLIFFORD ALBAN MEMORIAL SCHOLARSHIP —

Kenneth Melvin Baker, Hummelstown

Established in 1964 by Phi Lambda Sigma and awarded on the basis of need, academic achievement, and contribution to the goals of the College.

THE WOMAN'S CLUB OF LEBANON SCHOLARSHIP AWARD —

John Albert Biever, Lebanon

An award given annually by the Woman's Club of Lebanon to a person from Lebanon County enrolled as a full-time student; the choice to be based on financial need, scholarship, and character.

ALICE EVERS BURTNER MEMORIAL AWARD —

Frank Lambert Rice, Trenton, N.J.

Established in 1935 in memory of Mrs. Alice Evers Burtner, Class of 1883, by Daniel E. Burtner, Samuel J. Evers, and Evers Burtner. Awarded to an outstanding member of the Junior Class selected by the faculty on the basis of scholarship, character, social promise, and need.

DELTA ALPHA CHAPTER OF SIGMA ALPHA IOTA AWARD —

Nancy Jean Hollinger, Lancaster

Established in 1963 in memory of Marcia M. Pickwell, instructor in piano. Given annually to a sophomore or junior woman student majoring in music; selected on the basis of need, musicianship, and future promise in her chosen profession.

STUDENT PENNSYLVANIA STATE EDUCATION ASSOCIATION AWARD —

Luanne Evelyn Kern, Livingston, N.J.

Established in 1967 by the local chapter of the Student Pennsylvania State Education Association. Given to a member on the bases of service to the organization and portrayal of qualities necessary for successful teaching.

WALL STREET JOURNAL AWARD —

Not Awarded in 1968

Established in 1948 by the *Wall Street Journal* for distinguished work in the Department of Economics and Business. The award consists of a silver medal and a year's subscription to the *Wall Street Journal*.

SOPHOMORE ACHIEVEMENT AWARD IN CHEMISTRY —

Henry Dale Schreiber, Lebanon

Awarded to a member of the sophomore class majoring in chemistry who has demonstrated outstanding work in the field of Chemistry. This award was originated by the Student Affiliate Chapter of the American Chemical Society.

SOPHOMORE PRIZE IN ENGLISH LITERATURE —

Carol Ann Irwin, Norristown

Thomas Gary Hostetter, Palmyra

Daniel Jay Womer, Lebanon

Established by the Class of 1928. Awarded to the three best students in Sophomore English, taking into account scholarship, originality, and progress.

PHYSICS ACHIEVEMENT AWARD —

Donald Wayne Samples, Lewisberry

Awarded to the outstanding student of the freshman or sophomore class in the First Year Physics course. The award consists of a copy of the "Handbook of Chemistry and Physics."

THE MAX F. LEHMAN MEMORIAL MATHEMATICS PRIZE —

Donald Wayne Samples, Lewisberry

Established by the Class of 1907, in memory of a classmate. Awarded to that member of the freshman class who shall have attained the highest standing in mathematics.

FLORENCE WOLF KNAUSS MEMORIAL AWARD IN MUSIC —

Allison Christine Smith, Bangor

Awarded annually to the freshman girl who displays the following basic qualities: (1) musicianship with performing ability; (2) reasonably high academic standing; (3) cooperation, dependability, and loyalty to the college.

MATHEMATICS ACHIEVEMENT AWARD —

Paul Alvin Clawser, Campbelltown

Alan James Balma, Nutley, N.J.

Awarded to a member of the freshman class for the best work in mathematics throughout the freshman year. The award consists of a copy of the new edition of the Chemical Rubber Company's book on "Standard Mathematics Tables."

FRESHMAN ACHIEVEMENT AWARD IN CHEMISTRY —

Paul Theodore Lyter, Harrisburg

Awarded to a member of the freshman class majoring in chemistry who has demonstrated outstanding work in the field of chemistry. This award was originated by the Student Affiliate Chapter of the American Chemical Society.

FRESHMAN GIRL OF THE YEAR AWARD —

Linda Beth Henderson, Maywood, N.J.

Given annually by the Resident Women's Student Government to the outstanding freshman girl on the basis of scholarship, leadership, campus citizenship, and personality.

SIGMA ALPHA IOTA — THE DEAN'S HONOR AWARD —

Marcia Jeanne Gehris, Reading

Awarded to a member of Delta Alpha Chapter on the basis of scholarship, musicianship and fraternity service and in recognition of her outstanding achievement and contribution to the fraternity.

SIGMA ALPHA IOTA SCHOLARSHIP AWARD —

Janice Eileen Kreiser, Harrisburg

Awarded annually by the Philadelphia Alumnae Chapter of Sigma Alpha Iota to a junior member of Delta Alpha Chapter on the basis of talent and need.



PICKWELL MEMORIAL MUSIC AWARD —

William Franklin Stine, III, York

Established in 1963 in memory of Marcia M. Pickwell, faculty member of the Department of Music. Awarded annually to a junior music major who has demonstrated outstanding pianistic ability and promise.

ACHIEVEMENT SCHOLARSHIP AWARD IN ECONOMICS AND BUSINESS ADMINISTRATION —

Franklin Richard Shearer, Wernersville

Awarded to student majoring in Economics and Business Administration for outstanding scholarship in economics and business administration and for good campus citizenship. Established in 1965 by the People's National Bank of Lebanon, Pennsylvania.

LA VIE COLLEGIENNE AWARD —

Paul Frederic Pickard, New York, N.Y.

Albert Ernest Schmick, III, Hummelstown.

The *LA VIE COLLEGIENNE* Award, established in 1964 by the Rev. Bruce C. Souders '44, a former editor of *LA VIE COLLEGIENNE*, seeks to acknowledge the contribution of students to good campus public relations through leadership and responsibility in the publication of the campus newspaper. It is awarded annually to an upperclassman and to a freshman on the staff of the newspaper.

AMERICAN ASSOCIATION OF TEACHERS OF SPANISH AND PORTUGUESE AWARD —

Marilynn Eileen Ade, Glassboro, N.J.

Elizabeth Catherine Stachow — Annville

Established in 1968, this medal is awarded (according to the American Association of Teachers of Spanish and Portuguese) by the Department of Foreign Languages, to a Spanish student who in a minimum of 2 year's regular work has achieved real excellence.

FOREIGN LANGUAGE ACHIEVEMENT AWARDS —

French: Thomas Bruce Davis, Harrisburg
Deborah Ann Sherman, Lebanon
Susan Kay Sitko, Annville

German: Connie Jean Brocious, Timblin
Susan Elizabeth Cramer, Newark, Del.
William Russel Coupe, Jr., Jonestown
Terry Lee Folk, Hummelstown

Spanish: Karen Miriam Karhumaa, Stow, Mass.
Elizabeth Catherine Stachow, Annville
Marilynn Eileen Ade, Glassboro, N.J.

Awarded annually by the Consulates of France, West Germany, and Spain for outstanding achievement in the study of French, German, and Spanish languages respectively.

CORRESPONDENCE DIRECTORY

**TO FACILITATE PROMPT ATTENTION, INQUIRIES
SHOULD BE ADDRESSED AS INDICATED BELOW:**

Matters of General College Interest	President
Academic Program	Vice President and Dean of the College
Admissions	Director of Admissions
Alumni Interests	Director of Alumni Relations
Business Matters, Expenses	Vice President and Controller
Campus Conferences	Coordinator of Conferences
Development and Bequests	Director of Development
Evening and Summer Schools	Director of Auxiliary Schools
Financial Aid to Students	Student Financial Aid Officer
Placement:	
Teacher Placement	Director of Teacher Placement
Business and Industrial	Director of Industrial Placement
Publication and Publicity	Director of Public Relations
Religious Activities	Chaplain
Student Interests	Dean of Men or Dean of Women
Transcripts, Academic Reports	Registrar

ADDRESS ALL MAIL TO:

Lebanon Valley College
Annville, Pennsylvania 17003

DIRECT ALL TELEPHONE CALLS TO:

Lebanon Valley College
Annville, Pennsylvania
Area Code 717 Local Number 867-3561

REGULAR OFFICE HOURS FOR TRANSACTING BUSINESS:

College office hours are from 8:30 a.m. to 12:00 noon and 1:00 p.m. to 5:00 p.m. Monday through Friday. Members of the staff are available for interviews at other times if appointments are made in advance.

Index

Absence	24, 52
Academic Classification	51
Academic Offices	115
Academic Probation	53
Academic Programs and Procedures	26
Academic Procedures	50
Academic Program	26
Academic Requirements	27
Accreditation	11
Activities, Student	54
Actuarial Science, Outline of Course	30
Actuarial Science, Plan of Study in	89
Administration Building	14
Administrative Staff and Faculty	115
Administrative Regulations	52
Admissions Deposit	23
Admissions, Requirements and Information	21
Advanced Placement	22
Advisers, Faculty	50
Aid, Student	25
Aims of the College	11
Alpha Phi Omega	56
Alpha Psi Omega	56
Alumni Office	15
American Chemical Society, Student Affiliate	57
American Guild of Organists, Student Group	57
American Institute of Physics, Student Section	57
Application Fee	23
Application for Admission	21
Art, Courses in	62
Assistant to the President	115
Assistants, Student Departmental	124
Athletics	59
Athletics, Aims and Objectives	59
Attendance, Chapel	52
Attendance, Class	52
Auditing Courses	50
Auditions, Department of Music	22
Auxiliary Schools	48
Auxiliary School Fees	24
Awards Conferred, 1968	133
 Baccalaureate, Attendance at	29
Balmer Showers Lectures	55
Band, All-Girl	57, 96
Band, Symphonic	57, 96
Basketball	59
Beta Beta Beta	56
Biology, Courses in	63
Board Fees	23
Board of Trustees	111

Board of Trustees, Committees	113
Board of Trustees, Officers	111
Buildings and Equipment	14
Business Administration, Courses in	69
Business Administration, Outline of Course	34
Business Management	117
 Campus Employment	25
Campus, Buildings and Equipment	14
Campus Organizations	56
Carnegie Lounge	15
Cars, Student Rules Concerning	52
Certification, Requirements, Public School Teachers.....	36-37, 44-46
Change of Registration	50
Chapel Building	14
Chapel Attendance	52
Chapel Choir	57, 96
Chapel Program	55
Chemistry, Courses in	65
Chemistry, Outline of Course	32
Childhood Education Club	57
Class Absence	24
Class Attendance	52
Christian Association	55
Christian Vocation Week	55
Clubs, Departmental	56
College Bookstore	15
College Calendar, 1968-1969	3
College Calendar, 1969-1970	5
College Chorus	57, 96
College Dining Hall	15
College Entrance Examination Board Tests	21
College History	9
College Honors Program	47
College Profile	8
College Relations Area	117
Commencement, Attendance at	29
Committees, Board of Trustees	113
Committees, Faculty	125
Concert Choir	57, 96
Concurrent Courses	50
Contingency Deposit	24
Cooperative Programs	38
Cooperating Training Teachers	124
Correspondence Directory	139
Counseling and Placement	51
Course Credit	61
Course Numbering System	61
Courses of Study by Departments	60
Credits Earned at Another Institution	22
Cross Country	59
Cultural Opportunities	57
Cum Laude Graduates, 1968	129, 131

Day Student Accommodations	15
Degrees Conferred, 1968	129
Degrees, Requirements for	27
Delta Lambda Sigma	56
Delta Tau Chi	56
Departmental Assistants	124
Departmental Clubs	56
Departmental Honors, 1968	129, 132
Departments, Courses of Study by	60
Development Office	15
Directories	110
Discontinuance of Courses	50
Dismissal	53
Distribution Requirements	29
Dramatic Organizations	57

Economics and Business Administration, Courses in	67
Economics and Business Administration, Outline of Course	34
Education, Courses in	71
Elementary Education, Courses in	72
Elementary Education, Outline of Course	36
Elementary Education — Subject Matter Requirements	44
Emeriti Professors	118
Employment	25
Endowment Funds	16
Engineering, Cooperative Program, Outline of Course	38
Engineering, Plan of Study in	89
English, Courses in	75
Engle Hall	15
Enrollment Statistics	19
Entrance Requirements	21
Epsilon Zeta Phi	56
Evening Classes	49
Examinations	27
Examination, College Entrance Board	21
Examinations, Graduate Record	27
Expenses	23
Extension Courses	49
Extra-Curricular Activities	54

Facilities	14
Faculty	118
Faculty Advisers	50
Faculty Committees	125
Faculty-Student Council	58
Faculty-Student Government	58
Fees and Deposits	23
Financial Aid	25
Football	59

Foreign Languages, Courses in	78
Foreign Language Requirements	29
Forestry, Cooperative Program, Outline of Course	38
French Club	57
French, Courses in	79
Freshman Orientation	50
Furnishings, Residence Halls	24

General Alumni Organization	126
General Requirements	29
Geography, Course in	81
Geology, Course in	81
German Club	57
German, Courses in	79
Golf	59
Gossard Memorial Library	14
Governing Bodies	58
Grade Point Average	28
Grading and Quality Points, System of	28
Grading, Pass-Fail	28
Graduate Record Examinations	27
Green Blotter Club	57
Greek, Courses in	80
Gymnasium	15

Hazing	52
Health and Physical Education, Courses in	82
Health Reports	21
Health Services	15, 116
History and Political Science, Courses in	83
History, College	9
History, Courses in	83
Honorary Degrees, 1968	132
Honorary Organizations	56
Honors Program	47
Hours, Limit of Credit	51

Independent Study	48
Independent Study, Chemistry	65
Independent Study, Economics	67
Independent Study, Education	71
Independent Study, English	75
Independent Study, Foreign Languages	78
Independent Study, History	83
Independent Study, Political Science	85
Independent Study, Mathematics	88
Independent Study, Music and Music Education	92
Independent Study, Philosophy	99
Independent Study, Physics	101
Independent Study, Psychology	103
Independent Study, Religion	106

Independent Study, Sociology	108
Industrial Mathematics Society Affiliate	57
Information for Prospective Students	20
Infirmary	15
Instructors	122
Insurance Plan and Fee	24
Intercollegiate Athletic Programs	59
Investment Club	57
Junior Year Abroad	49

Kappa Lambda Nu	56
Kappa Lambda Sigma	56
Knights of the Valley	56

Laboratory Fees and Deposits	23
Lacrosse	59
Latin, Courses in	80
<i>La Vie Collegienne</i>	56
Library Facilities	14
Limit of Hours	51
Loans	25
Location and Environment	12
L.V. Varsity Club	59
Lynch Memorial Building	15

Major Requirements	27
Map, Campus	13
Map, Mileage	12
Mathematical Physics, Plan of Study in	89
Mathematics, Courses in	88
Meals	25
Medical Examinations	21
Medical Technology, Cooperative Programs, Outline of Course	39
Men's Day Student Congress	58
Men's Senate	58
Music, Conducting	97
Music, Courses in	91
Music Education, Courses in	91
Music Education, Outline of Course	42
Music Fees	23
Music, Instrumental Courses	95
Music, History and Appreciation of	97
Music, Methods and Materials	94
Music, Outline of Course	40
Music, Preparatory Courses	97
Music, Special Requirements	91
Music, Student Teaching	95
Music, Theory of	92
Musical Instruction, Individual	97
Musical Organizations	57, 96

Night Classes	49
Nursing, Cooperative Program, Outline of Course	39

Objectives of the College	11
Office of of President	115
Officers, Board of Trustees	111
Organ Rental Fees	24
Organs, Specifications of	98
Organizations, Student	56
Orientation	50

Parking, Student Rules on	52
Part-Time Student Fees	24
Payment of Fees and Deposits	24
Phi Alpha Epsilon	56
Pennsylvania State Education Association, Student	57
Phi Lambda Sigma	56
Phi Mu Alpha	56
Philosophy, Courses in	99
Physical Education, Courses in	82
Physical Education, Requirement	29
Physical Examinations	21
Physics Club	57
Physics, Courses in	101
Pi Gamma Mu	56
Placement	51
Political Science, Courses in	85
Practice Teaching	37, 43, 45-46, 73-74, 95
Pre-Dental Curriculum	39
Pre-Medical Curriculum	39
Preparatory Courses, Music	97
Presidents of the College	10
Pre-Veterinary Curriculum	39
Principles and Objectives	11
Private Music Instruction	97
Prizes Awarded, 1968	133
Probation, Academic	53
Procedures, Academic	50
Professional Curricula, Special Plans for	30
Professors	118
Professors, Assistant	120
Professors, Associate	119
Professors, Emeriti	118
Psi Chi	56
Psychology, Courses in	103
Public Relations	15
Public School Certification Requirements	36-37, 44-46
Public School Music, Outline of Course	42
Publications, Student	56

Quality Points, System of	28
Quittapahilla, The	56
Readmission	53
Recitals, Student	98
Recognition Groups	56
Recreation	59
Refund Policy	24
Registration	50
Regulations, Administrative	52
Religion and Life Lectureships	55
Religion, Courses in	106
Religious Emphasis Week	55
Religious Life	55
Repetition of Courses	50
Requirements, Admission	21
Requirements, Degrees	27
Residence Halls	15
Residence Halls, Regulations	24
Residence Requirement	27
Resident Women's Student Government Association	58
Russian Club	57
Russian, Courses in	80
Saylor Hall	15
Schedules, Arrangement of	51
Scholarships	25
Scholarship Funds	17
Science Hall	15
Secondary Education, Courses in	73
Secondary Education — Subject Matter Requirements	45
Semester Hours	27
Semester Hour Limitations	51
Service Organizations	56
Sigma Alpha Iota	56
Social Organizations	56

Sociology, Courses in	108
South Hall	15
Spanish, Courses in	81
Special Plans of Study	30
Statistics, Plan of Study	88
Student Activities	54
Student Affairs	116
Student Finances	23
Student Awards, 1968	133
Student Christian Association	55
Student Departmental Assistants	124
Student Organizations	56
Student Recitals	98
Student Teaching	37, 43, 44-46 73-74, 95
Student Teaching Fees	23
Summer School	49
Sunday Church Services	55
Support and Control	16
Suspension	53
Symphonic Band	57, 96
Symphony Orchestra	57, 96
Teacher Placement Bureau	15
Teaching, Certification Requirements	36-37, 44-46
Teaching Interns	124
Track	59
Transcripts	52
Transfer Credit	22
Transfer Students	29
Trustees, Board of	111
University Center at Harrisburg	49
White Hats	56
Wig and Buckle	57
Withdrawal	53
Withdrawal Refunds	24
Women's Athletic Association	59
Women's Commuter Council	58
Wrestling	59

NOTES





